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1915

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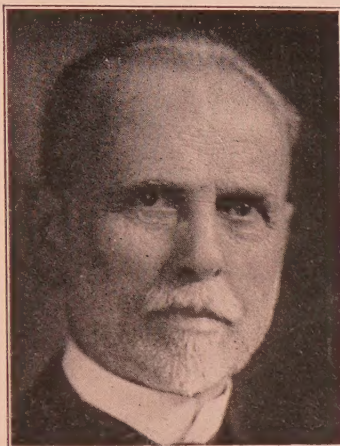
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—Photos by C. L. Lewis, Toledo.

## New Home of Toledo's Produce Exchange.

The location of a terminal market is of considerable advantage to its grain receivers, especially if so situated that it can handle both rail and water shipments. The inspection and weighing dep't of a market however, can do more to "make or break" its reputation than any other factor, not excluding even unfavorable freight rates.

Toledo has both the location, and an inspection dep't upon which it can stake its reputation with the shippers. In addition, transportation facilities have in the last score of years, penetrated the surplus grain sections of the central states even to the remotest shipping point. These rail facilities, with the natural advantage of being located on the Great Lakes, provides for Toledo an enviable position among the interior markets, a gateway as it were between the vast grain areas of the central states and the eastern consuming and exporting points.

Toledo was an important grain center however, long before the railroads were

instrumental in adding to its volume. In the early days of the city as a grain market the Maumee River, each Monday morning was congested with canal boats bringing grain from the surrounding country to market. These little barges carried only 2,500 bus. to a cargo but often many hundreds arrived daily. The type is still frequently seen at Toledo, tho no longer used in the grain trade, being replaced with the largest of lake freighters. For the accommodation of these larger vessels the city's 12 miles of river frontage has been given a minimum depth of 21 feet.

Fourteen elevators handled the grain brot to the city in the small canal boats, 13 of which were located on the city side of the river. Tho both elevators and carriers were of small capacity the volume of business was tremendous and the grain was handled with a dispatch which firmly established the "Toledo habit" among Ohio shippers. To this clientele the better facilities of recent years have added shippers of Illinois, Indiana, and Michigan in large numbers.

The city has now nine terminal elevators, ranging in capacity from 60,000 bus. to 1,500,000 bus., besides a number of large seed warehouses.

In 1876 the Toledo Produce Exchange was chartered, succeeding the old Toledo Board of Trade, and immediately showed signs of prosperity.

In 1892 the volume of grain received was so great that it became necessary to establish an inspection system to insure absolutely just treatment of shippers. E. H. Culver was placed in charge, and has held the important post ever since. Chief Culver has complete apparatus for testing grain for moisture content, foreign matter and weight, including one 6-flask and two 12-flask moisture testers. These are provided with extra wide space between flasks to insure uniform conditions for each flask. He also has an extensive oil filter whereby oil is three times filtered before reusing. The dep't has been located on the top floor of of the new Second National Bank Bldg, in which the Exchange is located, and is provided with carefully placed sky lights to give



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of success as a seed market; it is said  
to be the leading clover seed market of  
the world. The following table gives an  
idea in bags, of the volume of seed  
handled in the last ten years:

	Clover.		Timothy.	
	Repts.	Shpts.	Repts.	Shpts.
1914-15	71,392	75,210	37,842	36,026
1913-14	75,536	76,802	35,145	35,310
1912-13	51,028	62,030	50,133	43,022
1911-12	39,609	48,824	No record	
1910-11	66,167	71,275		
1909-10	72,293	73,321		
1908-9	152,591	118,964		
1907-8	39,131	32,041		
1906-7	47,775	55,930		

1905-6 .... 81,046 86,135 .....  
1904-5 .... 78,953 84,366 .....Receipts of alsike last year were 10,440  
bags, compared with 8,625 in 1914; 5,050  
in 1913; 8,397 in 1912; 10,339 in 1911;  
12,833 in 1910; 9,007 in 1909; 4,212 in  
1908; 13,249 in 1907, and 7,050 in 1906.Owing to the quantity of seed handled  
(Continued on Page 49.)



## Directory of the Grain Trade

In Organized Markets Only Members of the Local Grain Exchange Will Be Listed

### PEORIA, ILL.

#### Board of Trade Members.

Buckley, Pursley & Co., grain and seeds.\*  
Dewey & Sons, W. W., grain commission.\*  
Cole Grain Co., Geo. W., grain commission mchts.  
Grier & Co., T. A., grain commission.\*  
Miles, P. B. & O. C., grain commission.\*  
Mueller Grain Co., receivers and shippers.\*  
Rumsey, Moore & Co., grain receivers.\*  
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Dunwoody Co., Ezl., flour, grain feed.\*  
Graft & Son, L. G., receivers and exporters.\*  
Lemont & Son, E. K., hay, grain, millfeed.\*  
Miller & Sons, L. F., grain, seeds, hay.\*  
Pultz & Co., J. B., grain and feed.\*  
Richardson Bros., grain, flour, millfeeds.\*  
Richardson, Edw. M., grain and feeds.\*  
Stites, A. Judson, grain and millfeed.

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& chicken feeds; jobbers mill feeds & cereals.

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Geidel & Leubin, grain and hay.  
Hardman & Heck, grain, hay and millfeed.\*  
Heck & Co., W. F., grain, hay and millfeed.\*  
Herb Bros. & Martin, grain and hay.\*  
McCaughy, B. S., grain, hay.\*  
Smith & Co., J. W., grain, hay feed.\*  
Stewart, D. G., grain, hay, feed.  
Walton Co., Sam'l. grain and hay.\*

### PONTIAC, ILL.

Balbach, Paul A., grain buyer, all markets.  
Worth-Gyles Grain Co., cash grain and futures.

### PUEBLO, COLO.

McClelland Met'l I. & R. Co., grain, hay & feed.

### RICHMOND, VA.

Beveridge & Co., S. T., grain, hay, feeds, seeds.

### SAGINAW, MICH.

Smith-Connor H. & Gr. Co., hay and grain.

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Graham & Martin Grain Co., grain commission.\*  
Marshall-Hall-Waggoner Grain Co., grain com.  
Jones-Wise Com. Co., grain, hay and seeds.\*  
Langenberg Bros. & Co., grain commission.\*  
Morton & Co., grain, hay and seeds.  
Mullally Com. Co., Martin, consignments.\*  
Nanson Commission Co., grain commission.\*  
Picker & Beardsley Com. Co., grain & grass seed.\*  
Toberman, Mackey & Co., consignments solicited.\*

### STREATOR, ILL.

Mills, W., grain commission mer.

### TERRE HAUTE, IND.

Kuhn & Co., Paul, receivers and shippers.\*

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Rundell & Co., W. A., grain and seeds.\*  
Southworth & Co., grain and seeds.\*  
Wickenbliser & Co., John, grain revrs., shippers.  
Young Grain Co., consignments, futures.  
Zahn & Co., J. F., grain, seeds.\*

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Cardwell Grain Co., M. W., grain and seeds carlots.  
Derby Grain Co., grain dealers.

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Bossemeyer Bros., grain, hay and feed.  
Bruce Bros., Grain Co., consignments.  
Craig Grain Co., J. W., consign'ts & mill orders.\*  
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Harold Grain Co., J. R., milling wheat.  
Kansas Flour Mills Co., The, expts., consign'ts.  
Kansas Milling Co., The, millers and grain dealers.  
Keith Grain & Com. Co., grain & commission.\*  
Kelly Grain Co., Edward, consignments.\*  
Kemper Grain Co., The, receivers and shippers.\*  
Marshall Hall-Waggoner Grain Co., exporters.  
McCullough Grain Co., consignments.\*  
Norris Grain Co., The Exporters.\*  
Powell & Co., L. H., receivers and shippers.\*  
Roth Grain Co., receivers and shippers.  
Strong Grain & Coal Co., B., grain & coal.  
Wallingford Bros., receivers, shippers.\*  
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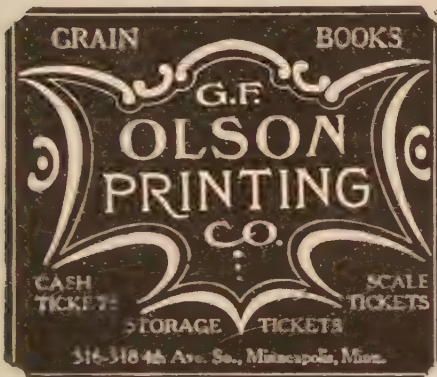
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Chamber of Commerce, Milwaukee, Wis.

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## Grain Movement

Reports on the movement of grain from farm to country elevator and shipments from interior points are always welcome.

### IDAHO.

Nampa, Ida., July 7.—Last year shipped but few cars; up until last year practically as much wheat was used at this station as was produced.—Lewis York, mgr., Farmers Society of Equity.

### ILLINOIS.

New Canton, Ill., July 9.—First new wheat arrived today; tested 60½ lbs; excellent condition.—Fred Rose, mgr., W. Heidloff.

Ocoya, Ill., July 7.—No old oats left; 40% corn back.—A. F. Conrad, Farmers Elvtr. Co. of Ocoya.

### INDIANA.

Indianapolis, Ind., July 6.—Receipts of grain June 1914—1749 cars, June 1915—1265 cars; shipments June—1914—449 cars; June 1915 668 cars.—Wm. H. Howard, sec'y., Indpls. Board of Trade.

### KANSAS.

Wichita Kan., June 28.—Mr. Kelly bought the first carload of wheat sold in the Wichita market yesterday; sold for 79 cents a bu.—X.

### LOUISIANA.

New Orleans, La., July 1.—The first car of Mississippi wheat of the season recently was received by C. B. Fox, of New Orleans. It was shipped by L. C. Hay of Hallandale, Miss.—B.

### MARYLAND.

Baltimore, Md., June 24.—The first arrivals in the Baltimore market this season of new Southern wheat were noted today. Two lots, one of 55 and the other of 13 bags, both from Lancaster County, Virginia; the larger sample was of good quality, displaying well developed berry, good color, containing little smut and little garlic, and having been well cleaned. This sample sold at \$1.20 per bushel. The other lot of 13 bags was garlicky, damp, contained smut, and was much inferior to the 55 bag lot, but also sold at \$1.20 per bushel.—Chamber of Commerce.

### MICHIGAN.

Lansing, Mich., July 7.—Total number of bushels of wheat marketed by farmers in June at 56 mills is 36,448 and at 69 elevators and to grain dealers 35,788 or a total of 72,236 bushels; of this amount 54,096 bushels were marketed in the southern four tiers of counties, 16,167 in the central counties and 1,973 in the northern counties and Upper Peninsula; estimated total number of bushels of wheat marketed in the eleven months, August-June is 13,065,290; 125 mills, elevators and grain dealers report no wheat marketed in June.—Coleman C. Vaughan, Sec'y of State.

### MISSOURI.

Vandalla, Mo., July 8.—New wheat coming in freely.—J. C. Gillam.

Clinton, Mo., July 6.—Hay and corn being shipped in here.—Geo. R. Lingle & Sons.

St. Louis, Mo.—The Jones-Wise Commission Co. received the first car of 1915 crop timothy hay on June 30. It came from Central Illinois and sold at \$17 per ton. The hay was of a very good quality and apparently in good condition.

Kansas City, Mo., June 28.—First car of wheat from the 1915 crop reached this market today, arriving 6 days later than last year. was shipped from Denton, Tex. by the Denton Mfg. Co.; received by the Logan Bros Grain Co.; graded No. 3; mixed and tested 57½ lbs. to the bu.—X.

### NEBRASKA.

Curtis, Neb., July 8.—Wheat will move in a couple of weeks.—G. B. Carr, mgr., The Curtis Mills.

### OHIO.

Piqua, O., July 8.—Old oats and wheat all cleaned up; very little old corn left in farmers hands.—C. N. Adlard.

### OKLAHOMA.

Holdenville, Okla., June 26.—Crop cutting ¾ finished.—Flewellen & Gilbert Grain Co.

Hammon, Okla., July 2.—Farmers are going to hold for \$1 per bu; will not have any oats to ship.—J. D. Hall.

Supply, Okla., July 5.—Wheat will begin to move here about July 15.—P. B. Loftus, agt., Cress & Robinson Grn. Co.

Chickasha, Okla., June 21.—First car of new wheat was bought at Walters Okla. by Chickasha Mfg. Co. for 83c a bu; wheat tested 58 pounds and made 26½ bu. to the acre.—X.

### TEXAS.

Brownwood, Tex., June 30.—Farmers showing a disposition to hold their crop for higher prices; lots of grain being stored as threshed.—H. H. Sigman & Co.

### WISCONSIN.

Burkhardt, Wis., July 1.—Deliveries of grain very light past two weeks; about 20% of grain in farmers hands yet.—Burkhardt Mfg. & Elec. Power Co.

## Full Acreage Under Field Beans.

As might be expected, the acreage under field beans in the states of leading production, Michigan and New York, will prove a large one. The higher prices of 1914-15 brought this about. In many instances more beans have been put in the ground than usual. Best of all, young plants are finally making a good start after earlier vicissitudes.

In Michigan it was a case of too much rain, with low temperatures during a considerable part of the spring, which held back development. But this was latterly somewhat relieved, and growers are now looking for an average rate of yield. In New York conditions were opposite, extended drouth during much of April and May. A change came for the better with the June rains nicely starting growth.—B. W. Snow, in Orange Judd Farmer.

## Wheat Movement in June.

Receipts and shipments of wheat at the various markets during June, 1915, compared with June, 1914, were in bus., as follows:

	Receipts.		Shipments.	
	1915.	1914.	1915.	1914.
Minneapolis	5,598,470	3,228,340	2,145,500	2,422,770
Kansas City	3,030,150	1,125,900	2,974,050	1,205,550
Winnipeg	2,773,000	7,000,050		
New York	2,245,040		3,966,386	
Baltimore	1,128,065	859,105	1,529,376	978,228
St. Louis	1,101,351	1,170,993	960,840	613,420
Wichita	940,400	517,120	520,000	277,120
Omaha	604,800	255,000	510,600	234,000
Duluth	571,607	1,023,080	2,191,174	4,697,939
San Francisco	427,440	1,046,520		
Milwaukee	383,750	341,775	282,041	193,072
Toledo	262,000	81,000	261,800	581,200
Cincinnati	144,710	148,894	159,125	158,778
Louisville	137,895	156,210	2,700	6,200
Detroit	86,000	52,000	165,000	77,700
Galveston			1,694,950	713,413
New Orleans			702,148	333,871

## Corn Movement in June.

Receipts and shipments of corn at the various markets during June, 1915, compared with June, 1914, were in bus., as follows:

	Receipts.		Shipments.	
	1915.	1914.	1915.	1914.
Omaha	1,735,200	2,324,000	2,226,400	3,041,500
St. Louis	1,707,400	1,638,000	1,028,350	1,212,550
Milwaukee	1,275,950	1,828,350	938,845	987,745
Baltimore	1,216,371	227,059	1,161,360	67,937
New York	1,073,100		1,409,954	
Minneapolis	941,640	968,680	1,074,770	796,570
Kansas City	857,500	2,858,750	1,097,500	1,856,250
Cincinnati	514,697	355,549	812,090	548,392
Duluth	493,647	337,984	559,882	218,021
Louisville	409,700	544,815	220,575	464,475
Toledo	312,400	418,800	273,000	38,000
San Francisco	144,816	20,776		
Wichita	75,800	164,400	61,500	112,000
Detroit	61,000	247,000	135,000	237,000
New Orleans			414,375	234,455

## Oats Movement in June.

Receipts and shipments of oats at the various markets during June, 1915, compared with June, 1914, were in bus., as follows:

	Receipts.		Shipments.	
	1915.	1914.	1915.	1914.
New York	2,563,900		1,909,631	
Milwaukee	1,595,500	2,418,800	1,365,305	2,042,445
St. Louis	1,077,800	1,978,800	684,860	1,529,800
Winnipeg	980,400	1,940,250		
Minneapolis	678,870	874,510	1,407,130	1,265,810
Omaha	516,800	1,230,800	637,500	1,458,000
Cincinnati	396,820	388,607	106,200	504,985
Louisville	346,700	404,300	348,555	383,915
Detroit	288,000	393,000	16,000	98,500
Kansas City	268,600	693,600	352,500	714,000
Baltimore	203,906	376,744	82,936	175,950
San Francisco	159,840	52,632		
Toledo	155,200	217,600	319,900	101,900
Duluth	114,939	494,449	223,642	1,797,963
Wichita	30,600	37,500	25,000	28,600
New Orleans			69,416	22,647

## Rye Movement in June.

Receipts and shipments of rye at the various markets during June, 1915, compared with June, 1914, were in bus., as follows:

	Receipts.		Shipments.	
	1915.	1914.	1915.	1914.
Baltimore	223,087	175,049	43,602	317,142
Milwaukee	80,860	115,770	67,541	74,227
Minneapolis	86,850	220,840	67,610	212,590
New York	53,750		93,437	
Duluth	22,284	172,669	38,941	133,470
Omaha	22,000	11,000	18,000	12,000
Detroit	18,000	6,000	3,000	9,000
Kansas City	13,200	5,500	22,000	26,400
Cincinnati	8,210	16,903	46,260	6,187
Toledo	8,000	5,000	3,200	1,100
St. Louis	5,500	15,100	970	9,150
Louisville	400	7,050	3,100	1,065

## Barley Movement in June.

Receipts and shipments of barley at the various markets during June, 1915, compared with June, 1914, were in bus., as follows:

	Receipts.		Shipments.	
	1915.	1914.	1915.	1914.
Minneapolis	1,192,230	1,070,430	1,576,200	1,235,150
Milwaukee	859,100	1,086,060	196,450	152,100
Duluth	476,450	621,123	433,736	507,727
San Francisco	412,340	408,816		
New York	211,225		249,467	
Kansas City	85,400	11,200	134,400	
Baltimore	82,859	2,371	269,038	
Toledo	80,700	9,000	78,800	
Winnipeg	78,000	383,400		
Omaha	32,200	8,400	8,000	1,000
St. Louis	20,800	102,400	5,720	62,190
Louisville	8,500	56,200		
Detroit	2,800	8,000		
Cincinnati	1,500	424	21,200	4

## Exports of Grain Weekly.

	Wheat.		Oats.	
	1915.	1914.	1915.	1914.
July 4.				
July 11.				
July 18.				
July 25.	3,308,245,000	184,164,000	95,781,000	16,819,000
Aug. 1.	3,650,000	4,390,000	3,303,000	413,000
Aug. 8.	3,578,000	3,794,000	2,501,000	470,000
Tot.	3,314,473,000	192,348,000	101,585,000	17,702,000

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Members Ask for Our Track Bids, You Will Find Them Attractive

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Shows at a glance where to look for the record of any car of grain. It is made of heavy ledger paper, is well bound and indexed. Size 11x14½ in.

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315 So. La Salle Street

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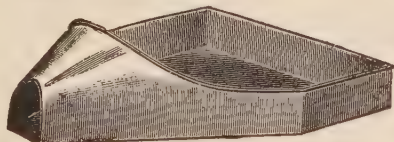
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Made of Aluminum, strong, light and well made

Will not Rust or Tarnish

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"WESTERN" grain handling and cleaning devices, elevator, conveying and power transmission machinery, saves you more money in installation, operation and maintenance cost than any other line of elevator equipment manufactured.

"WESTERN" elevator equipment is not an experiment. It is the product of over 40 years of study and experience in the manufacture of grain elevator machinery.



"Western" Pitless Sheller

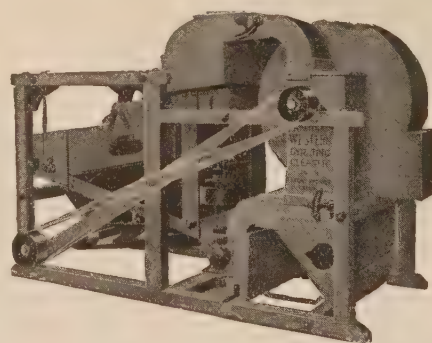
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is the best sheller on the market. It meets every requirement of the entire grain trade, assures perfect work, and is the one with which all others are compared. There are more "WESTERN" shellers in use today than those of any other make. This is positive proof that they give complete satisfaction.

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is the biggest money making machine any grain elevator can install. The fact that "Western" cleaned grain demands a premium assures extra profits on every car of grain shipped. This claim is backed by hundreds of satisfied users.

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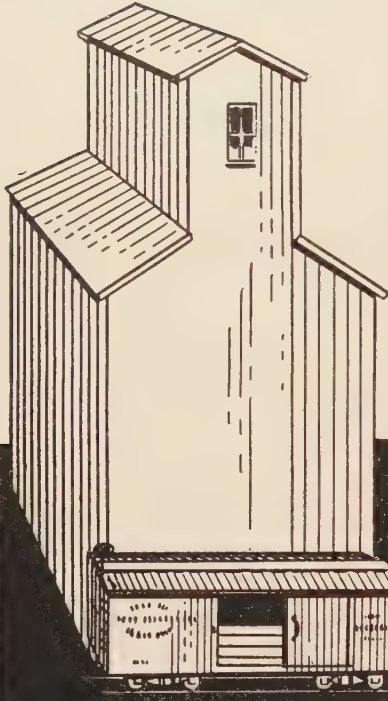
"Western" Gyrating Cleaner

Handle the new crop the "Western Way" and increase your profits. Your orders will be given prompt attention. Our latest catalog is yours for the asking. Write for it today.

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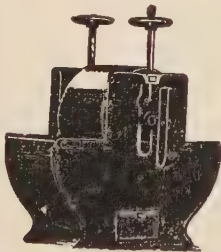




# Everything for the elevator

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Adjustable, All Sizes

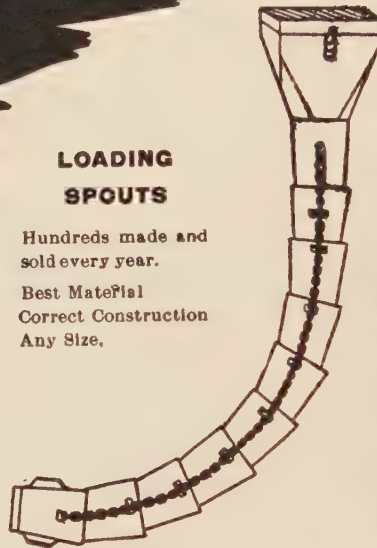


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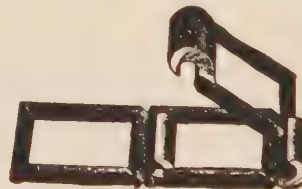


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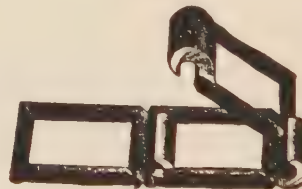
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Our Seamless Rubber Belting is the best for elevator service and is guaranteed.



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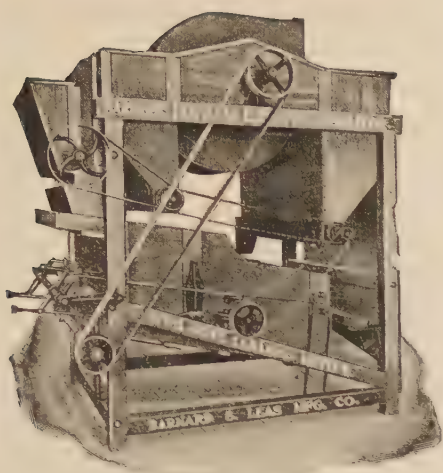
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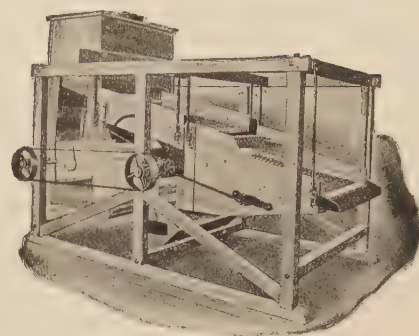
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Perfected Separator

## Everything for Grain Elevators and Feed Mills



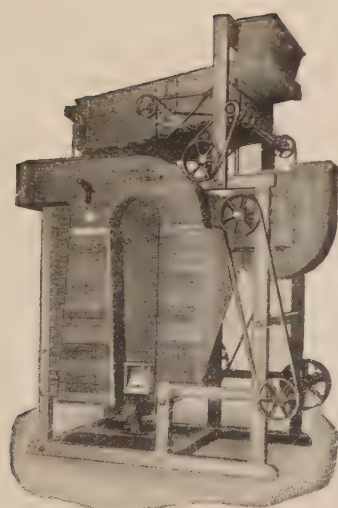
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For over 50 years we have been building this class of machinery and our line is known wherever grain is grown.

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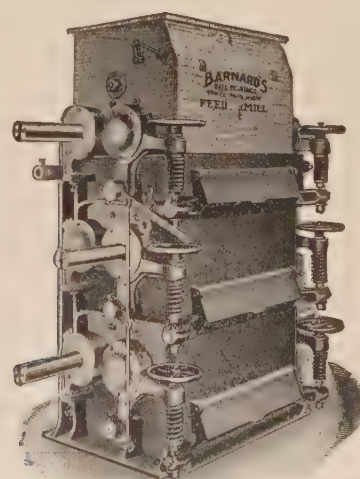
Our line includes Separators, Scourers and Oat Clippers of all kinds, a full line of Feed Mills and Corn Shellers and Cleaners, Packers, Grain Dryers, Dust Collectors and Power Connections and Supplies of all kinds.

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ESTABLISHED 1860. MOLINE, ILLINOIS, U.S.A.

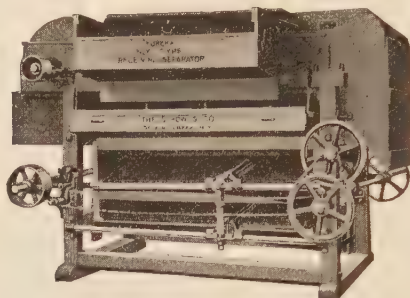


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Double Suctions

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Automatic Sieve Cleaners

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Select the type for your needs. We will ship it to you on 30 days free trial. It must deliver results never given you by any other machine. Power consumption less than most separators, upkeep low, account of splendid construction. The cost is lower compared to results delivered.

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The book contains 100 double pages. The best linen ledger paper is used. The regular ledger index in front will accommodate all names necessary. The book is tight bound in heavy cloth covers with leather back and corners. Price, \$2.50.

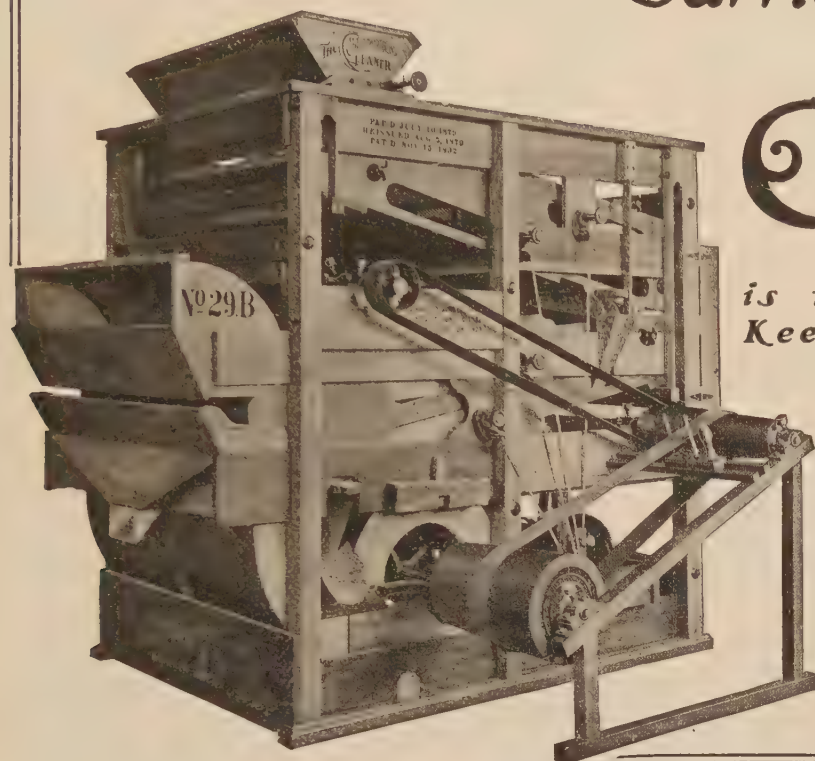
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## CLIPPER CLEANER

*is the only device that  
Keeps the Screens Clean*

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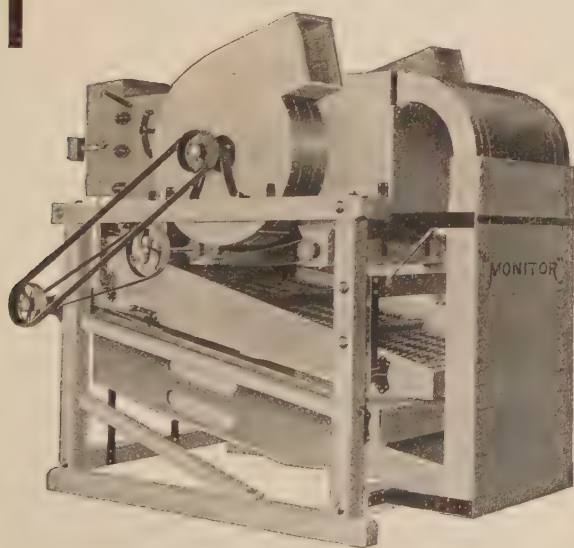
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*Monitor*

**"COMBINED"  
CORN AND GRAIN  
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## 1 Cleaner—instead of 2

**You save—  
the price of a cleaner**



If you are handling considerable quantities of corn and small grains you are probably using two Cleaners, or feel the need of doing so. Hundreds, many hundreds in fact, of grain dealers find this two-in-one Combined Corn and Grain Cleaner a great saving and a great help to them. The machine carries two sets of screens, one for corn, the other for small grains. In a few seconds time the machine is changed over from a Corn Cleaner to a small Grain Cleaner, or vice versa. No stop to change screens, no shutting off power. Get wise to this "Monitor." Our catalog No. 45 will interest you.

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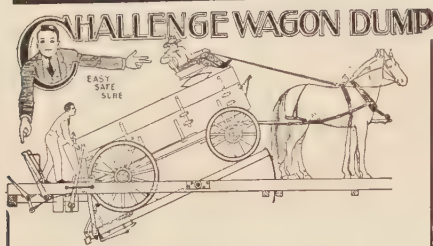
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SAFETY MAN LIFT**

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Live weevil plus a little Fuma equals dead ones every time.

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**Price, 50 cts.**

**Grain Dealers  
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Every spout guaranteed as represented.

Don't accept those "almost as good." For satisfaction, get the genuine, made by

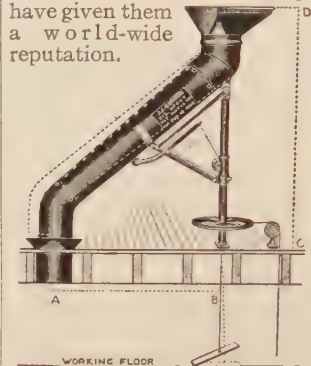
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will absolutely prevent the mixing of grain. The best of material and workmanship have given them a world-wide reputation.



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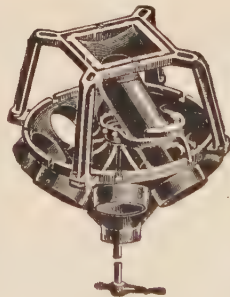
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Speeded, spaced and proportioned correctly. The greatest possible capacity, perfectly handled, without stopping, without choking, without backlegging.



The dollars LOST by mixing grain through your "turn spout" accumulate rapidly.

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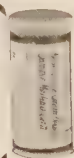
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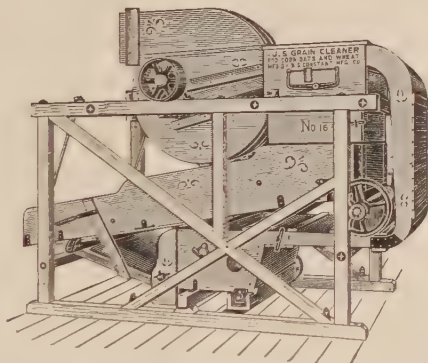
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### Meets Every Need

Low cupolas or high cupolas. Small or large capacities. Has all the features you want; well made and prices are reasonable.

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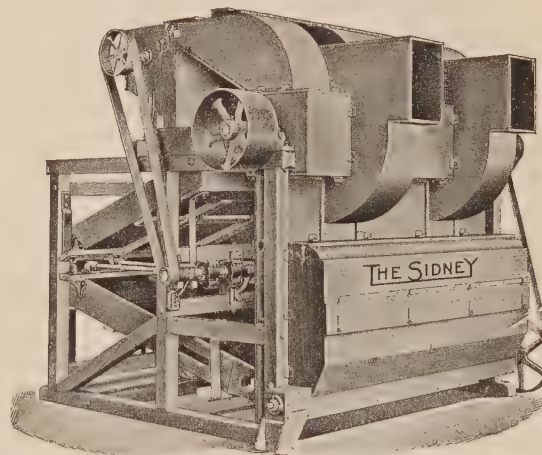
in adopting the most modern methods in conducting your grain business may some day be the cause of your hanging the "For Sale" sign on your plant.



This "bug-bear" is greatly out-distanced when your elevator is equipped with the

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No elevator machinery is built with more care—nothing but experts are employed in its construction. It is built with the express purpose of handling grain better, faster and cheaper.



Write today and tell us of your requirements and we will gladly go into detail and tell you just why the **Sidney Line** is what you need.

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ON YOUR GRAIN CLEANERS.

Save the Dust—Sell It—Give It Away—Burn It if You Have to, But Don't Let It Settle All Around Your Elevator.

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Reduce Fire Hazards and Explosions

Clark's All Metal Dust Collectors Will Do it

Highest Efficiency

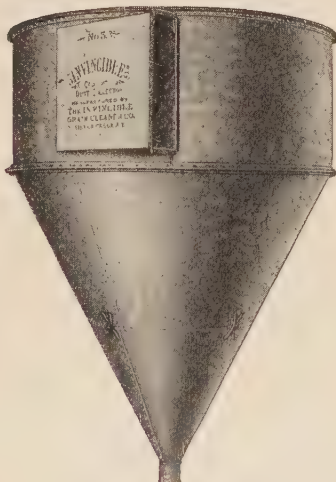
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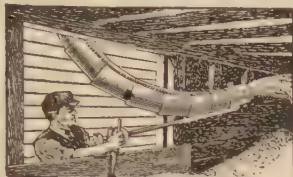


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It will handle grain, corn, seeds, etc., any reasonable distance. Direct from wagon into granary, bins, warehouses, or cars. Direct from cars to cars, or from warehouses and low elevators into cars.

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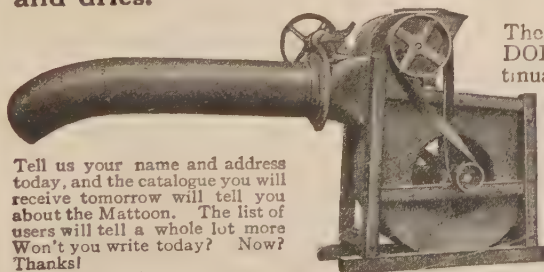
## Grain Dealers' Scale Tickets—Book No. 51

This scale book contains 100 pages 8x11 inches. Each page contains 5 scale tickets and 5 stubs, giving the book a capacity of 500 loads of grain. Each scale ticket is ruled for Number, Date, Load of, From, To, Gross, Tare and Net pounds, Net bushels and pounds, Dollars and Cents, Due to or order and Weigher. While the stub is ruled for Hauler, Load of, Number, From, To, Weighed, Date, Gross, Tare and Net pounds, Net.....bushels.....pounds, Price, Dollars and Cents. It is printed on manila paper bound in heavy board covers and pages are perforated so that tickets can be removed from book quickly and without tearing them. Book No. 51, Price 75 Cents. Address GRAIN DEALERS JOURNAL, La Salle Street, CHICAGO, ILL.

## A Mattoon Car Loader

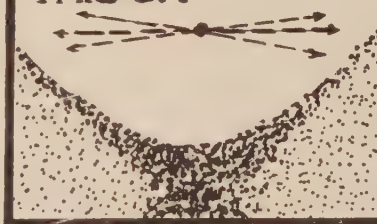
not only fills the largest car to full capacity, but actually betters the quality of your grain.

This combined grain cleaner and pneumatic car loader cleans, cools and dries.



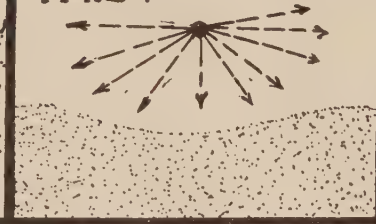
Tell us your name and address today, and the catalogue you will receive tomorrow will tell you about the Mattoon. The list of users will tell a whole lot more. Won't you write today? Now? Thanks!

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Showing the loading of dirt in center of cars loaded with gravity spouts, or common automatic loaders.

### THIS ?



Showing even distribution of grain by the Mattoon Pneumatic Car Loader and Grain Cleaner. No dirt.

The grain is blown out, not forced out by revolving fans, hence the Mattoon DOES NOT MILL OR CRACK THE GRAIN. The loading spout is continually traveling from left to right in semi-circles, thus causing an even distribution of the grain, chaff and lighter grains. A Mattoon prevents the depositing of dirt, chaff small pieces of grain in the center of the car, as is common with gravity and other automatic loading spouts, and causing hot and off-grade grain.

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No. 62, is designed especially for country dealers who use scale tickets. It is a book 9x12 inches, check bound in heavy board covers. It contains 200 sheets, 100 white sheets being interleaved with 100 manila sheets. On one side of the white sheets are printed 8 scale tickets and the sheet is perforated so that each ticket can easily be removed. Each ticket is printed, ruled and spaced for the following information: Date; Bot of; Price per Cwt; Price per bu.; Driver on, Off; Gross; Tare and Net Lbs.; Net Bus.; Weigher. A sheet of carbon is placed between the white and manila sheets, so that the weigher tears out a ticket and gives it to each driver, retaining a carbon copy of it. 800 tickets in each book. Price \$1.00.

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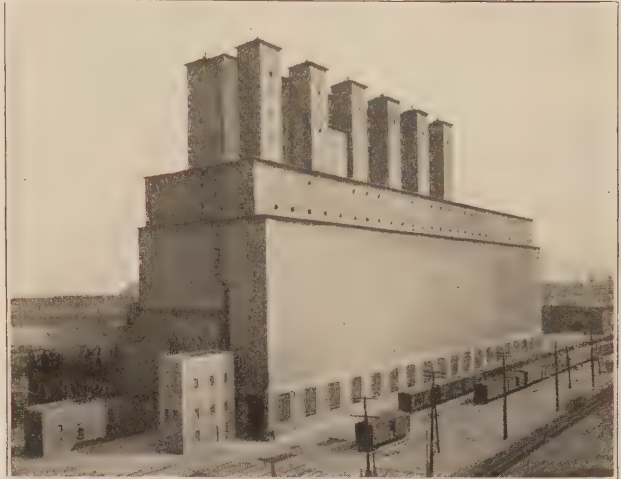


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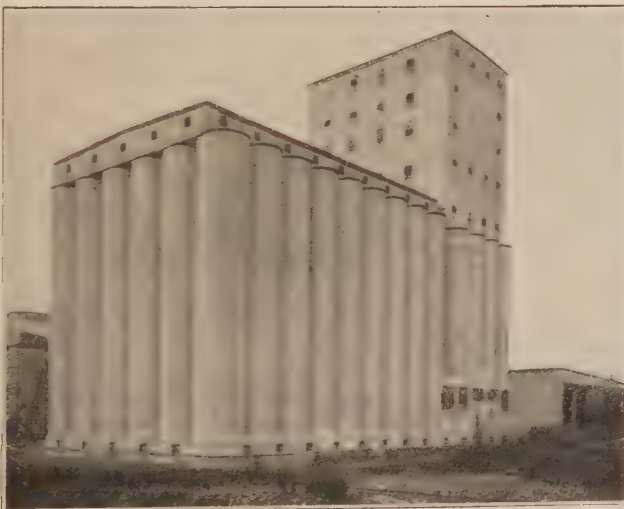
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The Most Rapid Handling Grain  
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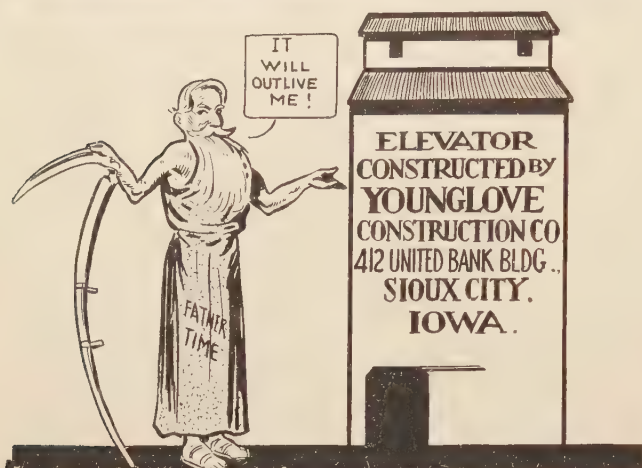
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La Salle Street

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But the rats are always with us. Their drains on grain are constant—in the aggregate they are large. They are a constant cause of small losses that can only be measured by Big Dollars in the year's balance sheet.

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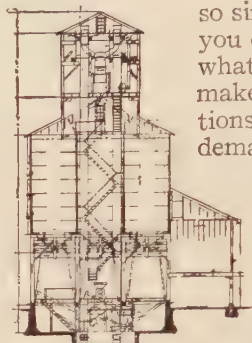
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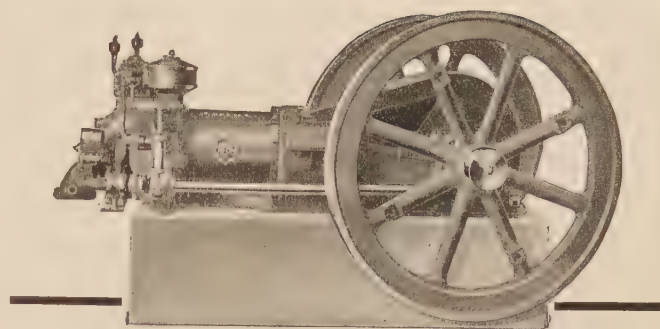
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Small OTTOs are in stock ready for immediate shipment, and larger engines can be furnished promptly. These engines are the highest examples of gas and gasoline engines manufactured.

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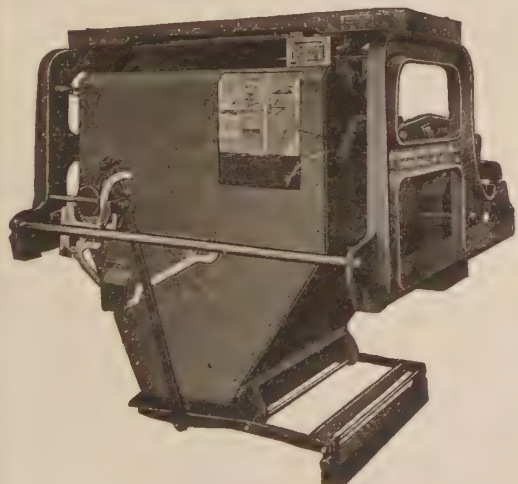
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Just call us right up on the phone;  
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Just call us right up on the phone.  
We can weigh to the car and the weights will be right,  
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Swearing, "Gee, but I'm glad that I phoned."

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Like the feel of a Peach as you circle her waist,  
'Twill come over you just as you phone;  
So Friend, do it now, take the phone down right quick,  
Don't wait till tomorrow, or till you feel sick,  
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CIRCULARS UPON REQUEST

**L. J. McMILLIN**

523 Board of Trade Bldg.,  
INDIANAPOLIS, INDIANA

## Elevator Machinery and Supplies

We carry a large stock and can fill orders promptly.

## Grain Cleaning Machinery

We handle a full line and can give you a machine for any kind of work you want to do.

## Roll Corrugating and Grinding

The best work—quick service.

Write us for Catalog and Prices on anything you need.

*The*  
**Strong-Scott Mfg. Co.**  
MINNEAPOLIS, MINN.

Northwestern Agents for

Invincible Grain Cleaners,  
Richardson Automatic Scales,  
Knickerbocker Dust Collectors

It is the returns from advertising that permits the maximum of service to our readers. Please specify the *Grain Dealers Journal* when writing an advertiser.

## You Should Know the Exact Dockage of Every Load of Wheat

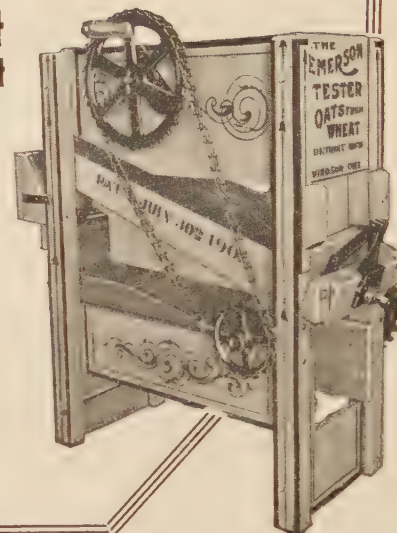
Don't try to guess at it, *be sure* of it; install

## THE EMERSON OATS FROM WHEAT TESTER

Over 3,000 elevators now using this tester.

The EMERSON is the most convenient and satisfactory wheat tester made. The saving in wheat, time, mistakes and money soon pays for the Emerson. Write today for further particulars and list of users.

**WM. H. EMERSON & SONS**  
DETROIT, MICH. WINDSOR, ONT.



## Figure the amount of advertising carried—Can you doubt our ability to Produce Results

You Ought  
o Know

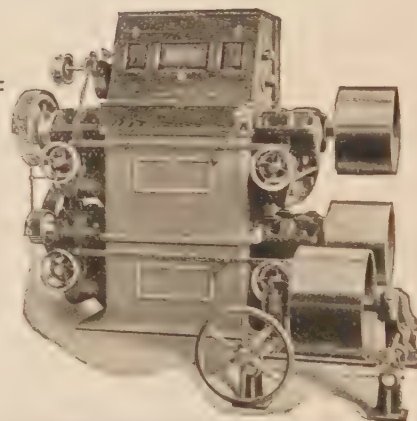
## WOLF FEED ROLLER MILLS



There's something about Wolf Feed Roller Mills that wins the heartiest approval of the most discriminating buyers.

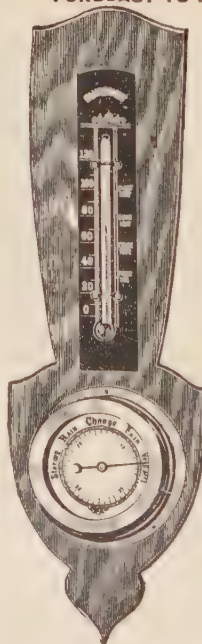
Write and ask us to explain in what respects they are famously efficient—and why you should lose no time in getting acquainted with them.

**THE WOLF COMPANY**  
CHAMBERSBURG, PA.



## WEATHER BUREAU

FORECAST 18 HOURS IN ADVANCE



A new instrument which combines an accurate thermometer and a reliable barometer.

Invaluable to the shipper and the farmer and to everybody who must be able to know in advance what the weather will be.

FORECASTS WEATHER  
**WEATHEROMETER**  
HOURS IN ADVANCE

Ideal for Summer Homes and Cottages, Automobilists and Travelers.

Formerly sold at \$3.00  
**NOW \$1** SEND US NO MONEY

Send your order and Weatherometer will be sent by Parcel Post, C. O. D. \$1 bill can be enclosed if you prefer.

Guaranteed to be Satisfactory.

**GERMANIA INSTRUMENT CO.**  
Dept. 50, 618 Mallers Bldg., CHICAGO, ILL.

## BOWSER FEED MILLS

GROW  
HEALTHY  
STOCK

Crush ear corn (with or without shucks) and grind all kinds of small grain.

Handy to operate—lightest running. 10 sizes; 2 to 25 h. p., capacity 6 to 200 bushels. Conical shape Grinders. Different from all others.

Write for Catalog and folder about the value of different feeds and manures.

The N. P. BOWSER CO.  
South Bend, Ind.



## SECOND-HAND

Shellers, Cleaners, Clippers, Scales, Feed Mills, Steam Engines, Boilers, Gasoline Engines, Belting, Buckets, Conveyors or any other elevator machinery can be bought or sold quickly by placing an ad. in the "Wanted" or "For Sale" columns of the

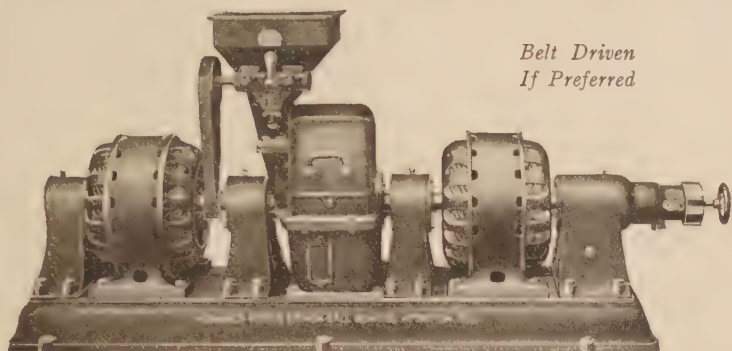
**GRAIN DEALERS JOURNAL**  
OF CHICAGO



## Taken Point by Point, There's Economy in Every Detail

Economy in feed grinding, as in any other business, means increased profit and you are assured of the maximum amount of profit if you take advantage of the economical features of

## The MONARCH BALL-BEARING ATTRITION MILL



*Belt Driven  
If Preferred*

- Saves time—requires no tramming.
- Saves labor—no worn down bearings.
- Saves lubricant—uses grease instead of oil.
- Saves expense—maintenance cost is small.
- Saves trouble—product always uniform.
- Saves delay—rapid grinding; large capacity.
- Saves repairs—durably constructed.

*Write for Catalog D-No. 115.*

Mill  
Builders

**Sprout, Waldron & Company**

Milling  
Engineers

Main Office and Works

Muncy, Pa.

P. O. Box No. 26

Chicago Office: No. 9 S. Clinton St.

### CERTIFICATE OF WEIGHT

FORM 88 is designed for making a certified statement of the weight of a car of grain and the condition of the car. It has spaces for Date, Car No., Initial, Date Loaded, Number of Pounds, Kind of Grain, Seal Record, Firm Name and Weigher. These forms are duplicating and are check bound, 75 originals and 75 duplicates in each book. The original forms are printed on bond paper and are machine perforated so that they will tear out readily. The duplicates remain in the book as permanent record. The certificates are numbered in duplicate. Size 8½x4½ inches. Price with four sheets of carbon paper, 75 cents.

GRAIN DEALERS JOURNAL,

315 So. La Salle Street, Chicago, Ill.

**Say**

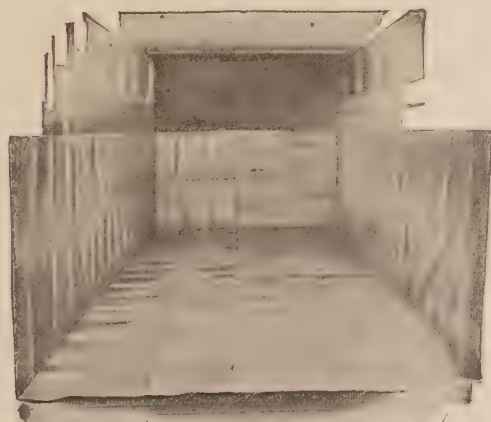
Let the Grain Dealers Journal  
Want Ads do your work.

*They bring quick results.*

## Gold Dollars as Railroad Ballast—

That's what it virtually amounts to when the grain you are shipping and for which you paid good hard earned money is leaking from bad order cars while in transit. Your grain—your dollars—as ballast. Save this ballast and keep the profit where it belongs. Now that grain is commanding such a high price, don't you think it a poor business proposition to ship in inferior cars without equipping them with adequate liners?

## KENNEDY CAR LINERS



offer you the greatest and cheapest protection against loss of grain in transit. They stop your losses—deliver your grain in as good condition as when it left your house and eliminate all shortage disputes due to transit leakage.

Bear in mind that the prospects indicate that there'll be another big crop this year and you will be compelled to load bad order cars. Don't wait until that bad order car is on your siding—prepare now. Write today.

**The Kennedy Car Liner and Bag Co.**  
Shelbyville Indiana



# Wanted and For Sale

The rate for advertisements in this department is 20 cents per type line each insertion

## ELEVATORS FOR SALE.

**FOR SALE or rent:** A 20,000 bushel capacity elevator situated in a fine grain growing community. Address H., Box 1, Grain Dealers Journal, Chicago, Ill.

**FOR SALE**—30,000 bu. new modern elevator within 125 miles of Chicago, handles 300,000 bu. annually with coal, seeds, etc. No competition and a splendid money maker. Town of 600. James M. Maguire, Campus, Ill.

**MINNESOTA**—A 30 capacity elevator in excellent condition on the Milwaukee Railway in Pipestone County, Minn. Cash or partial payment plan. Terms reasonable. Write Wheat, Box 1, Grain Dealers Journal, Chicago, Ill.

**IOWA**—Two modern elevators for sale. Located in best grain territory in northwestern Iowa. Finest prospects we have ever had. Attractive price for quick sale. Address Tyde, Box 10, Grain Dealers Journal, Chicago, Ill.

**SOUTH DAKOTA**—New cribbed 30,000-bu. grain elevator for sale in County Seat town. Bumper crop. One member of firm died and will take the first good offer. It is a snap. Write to Mesick-Stageland Co., Gettysburg, S. D.

**NORTHWESTERN OHIO** elevator for sale. In corn and oats belt; cap. 20,000 bus. Grinder in connection; also coal, feed and flour. Handles 200,000 bus. per year. Price \$7,000. Selling on account of health. Address Box 36, Custar, Ohio.

**TENNESSEE** new elevator in Memphis, well located, forty thousand capacity; electric power. Have hay warehouse adjoining, sixty cars capacity; good trackage. Will sell or rent. Write Taylor Grain Co., Memphis, Tenn., if interested.

**SOUTH DAKOTA**—One 18,000-bushel elevator and feed business in good town of about 650 on the C. M. & St. P. Ry. in southeastern South Dakota, located in best grain territory in the state. Write Mann, Box 10, Grain Dealers Journal, Chicago, Ill.

**MICHIGAN**—For Sale, Rent, or Joint Account, or will trade for Farm: Grain and Bean Elevator, fully equipped, located on main line of G. T. R. R. in Michigan. This elevator will net Five Thousand (\$5,000.00) Dollars profit next season. Write L. Yale, 104 Holbrook Ave., Detroit, Mich.

**FOR SALE**—20,000-bu. elevator within 100 miles of Chicago that handles over 200,000 bu. grain and 1,000 tons of coal annually. Located in town of about 700. Farmer El. competition. Business evenly divided. Price \$6,000. Good terms. Address James M. Maguire, Campus, Ill.

**SOUTH DAKOTA**—One modern and up-to-date 35,000-bushel elevator. Feed mill in connection. New 20-h.p. Fairbanks Oil Engine. Handles 130,000 bushels annually. Best wheat and corn section in South Dakota. Splendid Ry. accommodations. For further particulars address Soo, Box 10, Grain Dealers Journal, Chicago, Ill.

**NORTHERN OHIO**—75,000 bu. country elev. Electric operated. Station handling a yearly average of nine hundred cars of corn and oats. New machinery and grinder recently installed. Thoroughly overhauled. Has exceptionally large storage capacity. Everything first class. Prices reasonable. Will give full particulars on application. Write for information to J. Box 1, Grain Dealers Journal, Chicago, Ill.

## ELEVATORS FOR SALE.

**MINNESOTA** elvtr. Write H. F., Box 5, Grain Dealers Journal, Chicago, Ill.

**FOR SALE**—\$5,000, or rent at \$40 per mo., elev. in N. E. Ill. at good grain point. C. J. Meyer, Ogemaw, Ark.

**MINNESOTA**—Only elevator and coal business in live town near Rochester; good grain country. Price and terms right. E. F. Heim, Eyota, Minn.

**SOUTHEAST NEBRASKA** elevator for sale. Good territory; main line; crop prospects excellent. Write A. C. K., Box 11, Grain Dealers Journal, Chicago.

**RIVERSIDE** Elevator and Warehouses, Memphis, Tenn., between the Frisco and I. C. tracks; near business center and all freight depots; capacity 300 cars. Webb & Maury, Memphis, Tenn.

**SOUTH DAKOTA**—A good cribbed 35,000 capacity elevator with good 1,500-bu. corn crib. Must be sold at once. Location, Tripp, S. Dak. Address Raugust & Raugust, Emery, S. Dak.

**OHIO**—Elevator and tile mill for sale; cap. 20,000 bu.; built in 1905 on pri. ground and switch. New 25 h.p. gas engine. Tile mill run 4 years. No competition. Address B, Box 1, Grain Dealers Journal, Chicago.

**WESTERN OHIO** Elevator, Handles 125 cars grain, feed, coal, salt and cement yearly. Located in one of best up-to-date business towns in western Ohio. Opportunity will not be open long. Address Ver, Box 1, Grain Dealers Journal, Chicago, Ill.

**INDIANA**—Townley Iron Clad elevator for sale. 150 h.p. gasoline. Can handle around 100,000 bus. Black farm land. Substantial community. Price reasonable. Buildings 4 yrs. old. 2 acres land on Findlay Ft. Wayne Branch C. H. & D. R. R. Old age reason for selling. Write N. R. Spaulding, Monroeville, Ind.

**ELEVATOR IN CENTRAL INDIANA** with 2 acres of land and residence, for sale. Has metal sides and roof, cribbed bins, sheller and cleaner, feed grinder, motor power. In good grain belt; handle a number of side lines. Easy terms. A bargain if taken soon. Address Indiana, Box 2, Grain Dealers Journal, Chicago, Ill.

**MINNESOTA**—First-class elevator for sale in a Southern Minnesota town containing only two elevators. Shipments from the town aggregate 500,000 bushels annually. Terms satisfactory to right party. Must be sold at once. Address A., Box 12, Grain Dealers Journal, Chicago.

## ELEVATORS WANTED.

**WILL EXCHANGE** ½ section Perkins Co. land for elevator and lumber yard. Address Box 366, Hettinger, N. Dak.

**WANTED**—To exchange ½ sec. of land in Lincoln Co., Colorado, 3 miles from Boyero, for elevator in the N. or S. Dakotas or Minn. Do not write unless well located and running. F. S., Box 1, Grain Dealers Journal, Chicago.

**WANTED** to Rent or Lease an Elevator with an option to buy same by good, responsible party; best of reference. Prefer Eastern Indiana or Western Ohio. Address Bert, Box 12, Grain Dealers Journal, Chicago.

## ELEVATOR BROKERS.

**SELLERS** list your elevators and buyers buy your elevators thru John A. Rice, Frankfort, Ind.—Reliable Broker 10 years.

**ELEVATORS AT ALL PRICES FOR SALE ALL THE TIME.** Get ready for the new crop and write, wire, or phone for an interview if you want to buy an elevator. I have what will suite you. James M. Maguire, Campus, Ill.

**CASH** if you want to sell your elevator or other property, any kind, anywhere for cash, write us. We bring buyers and sellers together regardless of distance. Buyers located free. Established 1893. Northwestern Business Agency, Minneapolis, Minn.

## MILLS FOR SALE.

**FOR SALE or ex.** 100-bbl. flouring mill; steam, water power; newly equipped; R. R. siding; take farm for equity. Raby, Norvell, Mich.

**50 BBL.** Buckwheat and Feed Mill for sale. Good Buckwheat section. Excellent trade on all products. Siding to mill door. Mostly cash business. Address R. W. Watson, Terra Alta, W. Va.

**INDIANA** 30-bbl. merchant and custom water power mill for sale; grinds rye, buckwheat and feed of all kinds. Doing big business. Large dwelling and barn; mill building first class; steel flume, concrete bulkhead. 20 acres of land. Best location; poor health. Robert Hanson, R. R. 1, Michigan City, Ind.

## BUSINESS OPPORTUNITIES.

**FOR SALE**—Best Grain and Hay Warehouse proposition in Oregon. A money maker for right party. Must sell at once. \$8,000 cash. Will stay and manage. Address Box 185, McMinnville, Oregon.

**FOR SALE**—A new modern, 50,000 bushel elevator and feed plant for less than half cost.

Elevator 36'x42' with two-story add. 36'x60' with basement; also modern office fully equipped.

Elevator includes most modern quick-cleaning, and transferring machinery, including sheller, cleaner, complete feed, grinding equipment. All electric driven.

Central location, on main lines of railroad and paved street. Only elevator in this City.

**EASY TERMS** WRITE TO DAY

For further information address.

F. G. GAUNTT MFG. CO.,  
Fort Wayne, Ind.

## AGENTS WANTED.

**MR. GRAIN DEALER.**

Do you want to increase your profits? You can do so by selling King Lightning rods during your spare time. Write us for agency proposition. It's a winner.

Geo. M. King Mfg. Co.  
609 E. Walnut St., Des Moines, Ia.

## INFORMATION BURO

**READERS DESIRING** to learn by whom, or where any grain handling machine or device is made, can generally obtain it promptly by addressing Information Buro, Grain Dealers Journal, Chicago, Ill.



## SITUATIONS WANTED.

**COMPETENT MILLWRIGHT** wants position in elevator. Best of references. Earl Parker, 3413 Sycamore St., Cairo, Ill.

**WANTED**—Position as solicitor with good reliable Grain Co. Can furnish references. Address D., Box 1, Grain Dealers Journal, Chicago.

**FOREMAN**—Wants a position in steam or gasoline plant. Can furnish best of references. Address Cass, Box 1, Grain Dealers Journal, Chicago, Ill.

**WANTED**—Position as line house agent or manager Farmers Elevator. Have had 4 years experience in elevator. Live in Decatur, Ill. Address E. H., Box 1, Grain Dealers Journal, Chicago.

**WANTED** position as Grain Buyer of country elevator. Have had 14 years' experience; first-class references. Write N. E. H., Box 10, Grain Dealers Journal, Chicago, Ill.

**WANTED**—Position as manager of grain business, 10 years experience in all lines of grain business. Can furnish best of references. Address R. C., Box 1, Grain Dealers Journal, Chicago, Ill.

**WANTED** position as grain buyer or manager for Farmers or Independent Co. Can furnish best of references. Speak Norwegian fluently. Address E., Box 1, Grain Dealers Journal, Chicago, Ill.

**WANTED**—Position as Manager of Line or Farmers elevator by Married man with three years experience. Can give bond and No. 1 references. Address S. G. M., Box 1, Grain Dealers Journal, Chicago.

**WANTED** position with some good grain company to travel in Neb., Iowa, S. Dak., or Minn. In the grain business 14 years and can furnish good references. Write Rye, Box 12, Grain Dealers Journal, Chicago, Ill.

**BOOKKEEPER** or cashier wants position with some good grain firm. 15 years experience; can handle cash and futures. Also traffic. Can give good references. Write A. J., Box 1, Grain Dealers Journal, Chicago, Ill.

**WANTED** position as solicitor with good reliable grain company to travel in Iowa or Southern Minn. territory preferred. 5 years' road experience and 3 years' grain experience; best of references. Write Charles, Box 10, Grain Dealers Journal, Chicago, Ill.

**WANTED** a position as solicitor with some good reliable Chicago grain company to travel in eastern S. Dak., Western Minn., and Northern Iowa. 15 years' experience in the grain business; best of references. Address Clare, Box 9, Grain Dealers Journal, Chicago, Ill.

**BRIGHT** young man who has had floor, road, buying and selling experience and has managed branch offices, desires to place himself for the coming season with a good live firm, future to be considered before salary. Can furnish best of references from past employers and bond. Write C. A. M., Box 12, Grain Dealers Journal, Chicago, Ill.

**MANAGER** wants position; 5 years' experience in grain business, handling lumber, machinery, feed, flour, etc., as side lines. Married; 28 years old; understand bookkeeping thoroughly; prefer position with company handling large enough business to keep second man. Iowa or Minn. preferred. References from present employers. Write M. A. N., Box 12, Grain Dealers Journal, Chicago, Ill.

## PARTNERS WANTED.

**YOU CAN SECURE** a partner if you make your wants known to the grain trade thru the Partners Wanted column of the Grain Dealers Journal.

## HELP WANTED.

**WANTED**—Buyer and operator for local elevator. Address H. P., Box 1, Grain Dealers Journal, Chicago, Ill.

**WANTED** capable man to solicit grain for the Kansas City market. State age, experience, references and salary expected. Write E. D., Box 10, Grain Dealers Journal, Chicago, Ill.

**EXPERIENCED HELP**, such as managers for country stations, foremen, auditors and employees need in the grain business are readily secured thru an ad in the "Help Wanted" column of the Grain Dealers Journal, Chicago.

## MISCELLANEOUS.

**ALL GRAIN DEALERS TAKE NOTICE.** Success in many cases is the result of the experiences of others. Failure in most cases is the result of a lack of knowledge of the experiences of others.

The writer was once successful in the Grain and other business but failure took the place of success.

Having lost heavily and being in need of financial help I am offering to every Grain man a brief statement of the facts leading up to my failure.

Upon receipt of \$1.00 will mail to you as soon as completed, a copy of the statement which may be the means of your success and if you profit thereby it will certainly save you from failure.

The statement will be worth to you many times the cost and will also enable me to discharge some of my obligations.

We want everybody to come to the rescue.

You would not hesitate spending a dollar for a ticket to the Theatre or Prize Fight and we feel sure that you will be doing a kind act to yourself and to us if you will send a dollar for this information.

This is an appeal to all Grain Dealers.

G. A. Snyder, Box 114, Creston, Ia.  
(Formerly of Shannon City.)

## ENGINES FOR SALE.

**FOR SALE**—50-h.p. Otto Gas Eng. Used 10 days. Davidson & Co., Glasco, Kan.

**FOR SALE**—10-h.p. Engine and 500 ft. of belting at a bargain. N. D. McEvers, Montezuma, Ill.

**FOR SALE**—One Quincy 6 h.p. Portable Gasoline engine, good as new. Price satisfactory. Address I. L. Strite, Smithsburg, Md.

**FOR SALE**—1 No. 1, second-hand, 25-h.p. Singer & Davis Steam Engine, boiler with all pipe connections, water tank boiler, steam pump, etc. Write H. Murray & Co., Goodland, Ind.

**ANY KIND, ANY SIZE, ANY PRICE** gasoline engine which is not in use and which you wish to sell, will find many ready buyers if advertised in the "Gasoline Engines" column of the Grain Dealers Journal, Chicago. Try it.

## GASOLINE ENGINES FOR SALE.

44 H. P. Fairbanks-Morse.  
25 H. P. Columbus.  
25 H. P. Fairbanks-Morse.  
22 H. P. Fairbanks-Morse.  
15 H. P. Fairbanks-Morse.  
12 H. P. Fairbanks-Morse.  
6 H. P. Fairbanks-Morse.  
4 H. P. Fairbanks-Morse.

Also fifty engines of varied sizes and all makes. Address A. H. McDonald, 547 W. Monroe St., Chicago, Ill.

## ENGINES WANTED.

**WANTED** 10 or 60-h.p. oil engine, in good condition. G. E. Hotchkln, Minden, Neb.

**ANY KIND, ANY SIZE, ANY PRICE** gasoline engine which is not in use and which you wish to sell, will find many ready buyers if advertised in the "Gasoline Engines" column of the Grain Dealers Journal, Chicago. Try it.

## SCALES FOR SALE.

**FOR SALE**—McLeod Automatic Scale, 1,500-bu. capacity; nearly new; at very low price. Condition O. K. Write today. M. P. Thielen Grain Co., Lucas, Kansas.

**SCALES**—for sale—two 3 bushel Avery Automatics, continuous wares, in perfect shape. Price \$150.00 each, F.O.B. St. Louis. Howe Scale Co., 409 N. 4th St., St. Louis, Mo.

**SECOND - HAND SCALES OF ANY** make, size or price find many ready buyers if full description is given in an advertisement inserted in the "Scales For Sale" column of the Grain Dealers Journal, Chicago.

**SCALES**—Standard, Buffalo and Fairbanks 2,500 pounds, Dormants Refitted, \$40.00; 4-ton Fairbanks Wagon Scales, \$50.00. Overstocked. Move 'em quick; also other scales for every purpose. Write Howe Scale Co., 407 N. 4th St., St. Louis, Mo.

**OVERSTOCKED** with rebuilt Scales bargains as follows:

6-Ton 22 ft. Fairbanks refitted Dump Scale	.....\$90.00
6-Ton 22 ft. Fairbanks refitted Wagon Scale	.....80.00
4-ton 14 ft. Fairbanks refitted Wagon Scale	.....55.00
2500-lb. refitted Fairbanks Dormant Scale	.....35.00
2500-lb. refitted Standard Dormant Scale	.....30.00
2500-lb. refitted Buffalo Dormant Scale	.....30.00
1000-lb. refitted Howe Drop Lever Portable Scale	.....11.00
Howe Sacking Counter Scale with 6-12-24 and 48-lb. poises and blank beam	.....10.00

All guaranteed accurate.

Order today and save money.  
**HOWE SCALE CO.,**  
409 N. 4th St., St. Louis, Mo.

## SAFE FOR SALE.

**SAFES**—Halls Rebuilt Safe, 39 inches high, 26 wide, 23 deep, spl. net \$30.00; others from \$16.00 up. Overstocked with safes and need the room. Safes repaired. Write today, Howe Scale Co., 407 N. 4th Street, St. Louis, Mo.

## ADDRESS WANTED.

**WANTED ADDRESS** of G. S. Barnes, Jr., formerly of Wichita, Kan., and Minneapolis, Minn. Write S. E. E., Box 12, Grain Dealers Journal, Chicago, Ill.

**IF YOU** know where H. E. Larson, formerly of Yale, S. D., is located, kindly communicate with L. L. D., Box 12, Grain Dealers Journal, Chicago.

**IF YOU** know where E. H. Cramer of the Cramer Construction Company, formerly at Hampton, Neb., is located, please communicate with D. L. T., Box 7, Grain Dealers Journal, Chicago, Ill.

## SOLICITORS' SIDE LINE.

**WANTED** men calling upon grain shippers to carry small book needed by every grain firm. Easy sales, large commissions. Address W. B. Granger, 507 Traders Bldg., Chicago, Ill.

## SECOND-HAND BAGS AND BURLAP.

**FOR SALE**—10,000 second hand cotton grain bags holding 2½ bu. wheat; price 12c each f. o. b. St. Louis. Can sell from 100 bags up. Write Foell & Co., 123 Market Street, St. Louis, Mo.

**BURLAP BAGS OF EVERY KIND FOR SALE**; new or second-hand, plain or printed with your brand; Seamless Cotton Grain Bags; Sample Bags, Burlap, Cotton Sheet- ing, or Paper for Car Lining, etc. Wanted: second-hand bags, best prices paid.

**WM. ROSS & CO.,** 409 N. Peoria St., Chicago



## MACHINES FOR SALE.

MACHINES not in use can quickly be sold by an advertisement in the "Machines For Sale" column of the Grain Dealers Journal, Chicago, Ill.

**FOR SALE**—Double cleaners for grain or seed. Want to close at low price. Hundreds in use by grain men to their entire satisfaction. Write Johnson & Field Mfg. Co., Racine, Wis.

**FOR SALE**—One W. W. Ingrahams Excelsior Separator and Grader combined. Can be used for clipping oats. Machine in good condition. Price reasonable. John Sprecher & Son, Independence, Wis.

**FOR SALE**—Brand new cup belt 10"x 140" and Salem cups 9"x5"; second-hand boot, cast iron; pulley 14"x11" and head pulleys; also 60-bu. Fairbanks Hopper Scale. B. F. Bertrand, Clements, Minn.

**WANTED**—Grain Dealers who are contemplating installing new machinery to use the "Machines Wanted" columns of the Grain Dealers Journal in securing prices and estimates of machines for sale. We can save you money. More than value received.

## FOR SALE CHEAP.

1 new elevator belt with 7x12 V shaped bucket.

1 Victor sheller, Eureka Clipper, Fine meal Bolter.

2 D. C. Motors, and large amount of belting, shafting, etc.

C. A. Wylie, Kewanee, Ill.

**FOR SALE**—2 No. 6 Power Monitor Mills for Seed and Grain; originally cost \$700; made at Silver Creek, N. Y.; in good working condition; capacity of Clover 60 to 75 bushels each per hour, with large set of screens, including screens for Alsike and Timothy. Price \$150 each f. o. b. cars Toledo;

Also 1 Buckhorn machine made at Jerseyville, Ill.; practically new; price \$100. W. H. Morehouse & Co., 1004-1006 Second National Bank Bldg., Toledo, Ohio.

## Can save and make money for you.

Entire line of remodeled guaranteed 2nd hand machinery must be sold within 30 days. Any size or make. Single and Double Head Attrition Feed Grinders and Corn Crackers. Single and Double 2 and 3 Pair High Roller Mills, Reels, Packers, Grain Cleaners, for all purposes. Boilers, Motors, Water Wheels, Burr Mills, Crushers, Shellers, etc. Can supply any thing new or 2nd hand for Flour or Feed Mill, Grain Elevator, etc. Satisfaction guaranteed. Write for Prices at Once.

George J. North,

9 South Clinton St., Chicago, Ill.

## MACHINES FOR SALE.

**FOR SALE**—Dickey & Pease Separator in good condition. Closing out. Johnson & Field Mfg. Co., Racine, Wis.

**FOR SALE**—King Buck Horn Machine in good condition at a bargain. Address C. C. Norton's Sons, Greenfield, Ohio.

**FOR SALE**—Owens 105 Cleaner in good condition; been in service three years; must be sold at once at a big sacrifice. Kenyon Far. Merc. & Elev. Co., Kenyon, Minn.

**FOR SALE**—Cornwall Corn Cleaner No. 1, Corn Sheller No. O, and Monitor Oats Clipper No. 3; all in good condition, having been used very little. Will sell cheap. Write Switzer & White, Galion, Ohio.

## 96% EFFICIENCY IN CRACKING CORN.

**Our Method**—We have devised a new method for making cracked corn which will give you 96% efficiency and at the same time give you a product that is even and unexcelled in quality. In fact, we steel cut every kernel of corn instead of grinding them, which eliminates the fine or undesirable product to 4 per cent. Our method is not only for corn but is adapted for Wheat, Rye, Barley, Rice, Peas, Kafir Corn, etc., also cutting the grains to any degree of fineness desired.

By using our special corrugation we increase your capacity 25% more than at present, with 20% less power and give you a finished product superior in every detail.

**It pays for itself**—Taking into consideration the power saved, the increase in capacity afforded, the extra quality in product made, and finally the elimination of almost all of fine material created under the old way (which sells for less than cracked corn) means that our method will pay for itself in a short time.

Under the old way, a cracked corn separator is necessary, but with our method for general work, this machine is not required.

The results already stated will save you money on each bushel of corn, also the extra quality of product your customers receive will please them to the end of satisfaction, which will mean more sales, larger sales and finally greater profits; taking this into consideration no wide awake, energetic feed mill operator should lose any time in investigating our method. Write for information at once stating the kind of mill you now use for cracking corn.

Samples of cracked corn made by our method will be sent to any one upon request.

B. F. GUMP CO.,

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**FOR SALE**—Jenney Electric Motor, 50-h.p., 500 volt, 470 R. P. M., complete with starter; General Electric Motor, 75-h.p., 60 cycle, 3 phase, 220 volts; belt driven ball-bearing Attrition Mill. Write George D. Laing, Dixon, Ill.

**DYNAMOS AND MOTOR BUYERS** are reached in largest numbers and less expense by offering them for sale in the grain trade's accepted medium for power bargains—the "Dynamos—Motors" columns of the Grain Dealers Journal, Chicago.

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5 H.P. General Electric A. C. 3 phase.

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20 H.P. General Electric A. C. 3 phase.

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Write for prices. All motors guaranteed and sent on approval to responsible parties.

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which will not clog or bind. Steel tubing fitted with maple pole. Point is turned of solid bar steel. Top is fitted with a bronze collar. Trier is 56 x 1 3/4 inches and has eight openings.

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The left hand pages are devoted to—Purchased; the column headings being: Date; From Whom; Bushels; Grade; Delivery; Price; By Whom Bot; How; and Remarks.

The right hand pages show—Sold, under which the following information is recorded; Date; To Whom; Bushels; Grade; Shipment; Price; By Whom Sold, How; and Remarks.

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## GRAIN DEALERS JOURNAL

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Gentlemen:—In order that I may increase my profits and avoid losses by keeping well-posted, please send me the *Grain Dealers Journal* on the 10th and 25th of each month. Enclosed find One Dollar and Fifty Cents for one year's subscription.

Name of Firm.....

Capacity of Elevator

Post Office.....

.....bus.

State.....

## CERTIFICATE OF WEIGHT

FORM 88 is designed for making a certified statement of the weight of a car of grain and the condition of the car. It has spaces for Date, Car No., Initial, Date Loaded, Number of Pounds, Kind of Grain, Seal Record, Firm Name, and Weigher.

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GRAIN DEALERS JOURNAL

315 S. La Salle St.,

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WANTED heavy, bright Montana oats and Barley. Lewis Grain Co. Chamber of Commerce, Buffalo, N. Y.

IF YOU WISH to get in touch with a large number of dealers who have grain of all kinds for sale, insert an advertisement in the "Grain Wanted" columns of the Grain Dealers Journal, Chicago.

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MIXED CARS of flour and mill feeds in 100 pound sacks are our specialties. We are now manufacturing a full line of corn goods, cracked corn, feed meal, corn and oats chop, Ohio Farm feed, shelled corn and standard oats, in connection with our flouring mill. Would like to send you a trial to convince you of the superiority of our products. Ansted & Burk Co., Springfield, Ohio.

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COPIES American Seed Trade Code wanted. State condition and price. Address W. B. G., Box 2, Grain Dealers Journal, Chicago, Ill.

### WE BUY AND SELL

Wheat Screenings, Cane Seed, Salvage Wheat, Kaffir Corn. Write or wire for prices.

HENRY LICHTIG & CO., Kansas City, Mo.

### A SEED DEPARTMENT WILL ADD TO YOUR PROFITS

Buy well ahead from actual wholesale seed growers to receive lowest prices on highest quality. Write today to

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Toledo is the only market where futures of clover, alsyke and timothy are traded actively. Trades made in 50-bag lots and multiples. Usual wide range of prices during season offers investment opportunities. Further information on request.

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### NUNGESSER-DICKINSON SEED CO.

NEW YORK, N. Y.

EXPORTERS AND IMPORTERS

### GRASS and CLOVER SEEDS

### "MAY BELL" Brand Pure Field

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WE WISH TO BUY Red, Alsyke and Bastard Clovers, Timothy, Cocksfoot, Meadow fescue. John Lytle & Sons, Ltd., Belfast, Ireland.

SUDAN GRASS—Reliable Seed. Wholesale quantities. Advise quantity you can use for immediate delivery. Can fill straight car orders uniform seed. C. Ulery, Lubbock, Texas.

SEED BUYERS AND SELLERS can quickly sell any quantity or buy any amount or quality by making their wants known through the "Seeds Wanted—For Sale" columns of the Grain Dealers Journal, Chicago, Ill.

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NEW CROP—Wanted 2 Rye & Alfalfa seed. Quote car lots delivered with samples. J. T. Russell Co., Memphis, Tenn.

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### GRAIN

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### I. L. RADWANER

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### BALTIMORE, MD.

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### BELFAST, IRELAND.

Lytle & Sons, Ltd., John, Per. & Ital. Ryegrasses.

### CHICAGO, ILL.

Dickinson Co., The, Albert, seeds.  
Illinois Seed Co., The, grass and field seeds.

### EVANSVILLE, IND.

Small & Co., W. H., seeds, grain and hay.

### INDIANAPOLIS, IND.

Indiana Seed Co., The, Seed Dealers.

### KANSAS CITY, MO.

Missouri Seed Co., who. exp. and imp.  
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Kelway & Son, wholesale seed growers.

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## ALFALFA THE GREAT SOIL IMPROVER

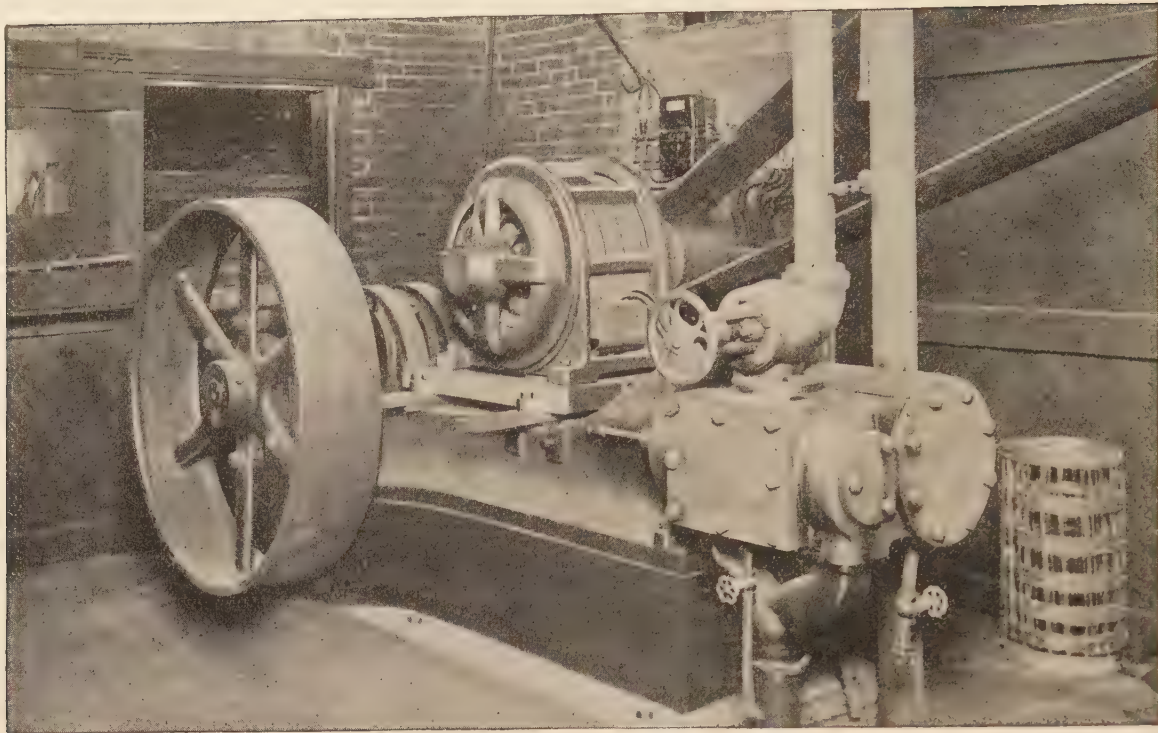
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The G-E 35 h. p. Form K induction motor shown in the above picture was temporarily installed as shown on top of a forty horse power steam engine in the plant of the Warner Fence Company, Pueblo, Colo.

During three months operation with this motor such distinct savings in upkeep and operating expense were shown that the motor was permanently installed and the company enthusiastically converted to G-E motor drive.

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*Telephone your power company today.*

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## GRAIN DEALERS JOURNAL

[Incorporated]

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10th and 25th of Each Month at

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### THE ADVERTISING

value of The Grain Dealers Journal as a medium for reaching progressive grain dealers and elevator men is unquestioned. The character and number of advertisements in its columns tell of its worth. If you would be classed with the leading firms catering to the grain trade, place your announcements in the Journal.

Advertisements of meritorious grain elevator machinery and supplies and of responsible firms who seek to serve grain dealers are solicited.

### LETTERS

on subjects of interest to those engaged in the grain trade, news items, reports on crops, new grain firms, new grain elevators, contemplated improvements, grain receipts, shipments, and cars leaking grain in transit, are always welcome.

Entered at the Chicago, Ill., Post Office as Second-Class Matter Aug. 5, 1898.

CHICAGO, JULY 10, 1915

IDAHO has a peculiar way of its own for dealing with grain car thieves that merits emulation by officials of other states, for it will surely eradicate the trouble. Five men who were caught stealing grain from cars last winter are now serving terms in the penitentiary. Evidently the grain shippers of Idaho have some friends at court.

THE DOWN POUR of rain thruout the grain growing states has not only made much trouble and expense for the farmers but the grain elevator operators have also had their share of trouble. Most of the houses equipped with well cemented basements have escaped having their boots filled with water. This once again emphasizes the great advantage of providing a heavy foundation and a water tight basement for the elevator.

NEW WHEAT from sections struggling with a superabundance of moisture is sure to make trouble for hasty handlers, especially if it is placed in cars and delayed long in transit without first being placed in condition to stand being closed up in a hot box car. The discounts for such wheat are sure to be very heavy if the amount of off-grade wheat in any market exceeds the ability of that market to care for such wheat. Country elevator men who buy damp wheat must discount it liberally, and run it thru a conditioner or dryer as soon as possible.

CITY SCALES so often are wrong grain dealers cannot afford to depend upon them for the weight of grain they shall pay farmer. Even tho city ordinances may require dealers to accept city scale weights as final, it behooves the grain buyer to know that those final weights are right. For years Iowa elevator men were required to pay for grain on the basis of city scale weights, but under the new law, providing for the inspection of scales by a state scale inspector, elevator men will not be required to pay any attention to city scale weights, providing their scales shall have been inspected by the state.

THE UNCERTAINTY of the markets makes it extremely hazardous for any grain merchant to carry very much grain against his holdings, and every dealer owes it to himself to exercise unusual care in contracting with farmers for future deliveries. The European crops are such that will permit of foreign governments staying out of the markets for some time to come, and if they are not active buyers the prices in this country are sure to drag, even tho many farmers indiscreetly hold their grain for higher prices. It behooves everyone to sail close to shore and take no chances.

A KANSAS CITY grain commission firm, which has not succeeded in securing enough shipments from grain elevator operators to keep it busy is advertising thru the country weeklies in territory tributary to Kansas City for farmers to ship their wheat direct to it and obtain the "full market price." Such a solicitation of shipments is an admission that a country elevator is not necessary to the economical marketing of grain. If the damp wheat gets hot and out of condition of course the farmers who supplied any, or all of the load, will be the losers, while if the same grain were taken to the country elevator it could be put in condition before being loaded into a car.

MANLIFTS ARE a most excellent addition to the equipment of any country elevator, if properly installed. Several cases have been brought to our notice where the manlifts fell with a passenger, because not sufficient room was provided for the free passage of the platform up and down the elevator shaft. The loading of the bins caused the walls to bind so much as to bring about an early breaking of the manlift ropes. Some dealers have sought to overcome this difficulty by installing  $\frac{3}{8}$ " steel ropes. While the steel ropes are more desirable, still if the platform cannot move up and down easily, without interference, something is bound to break, and it may break when the owner is taking a ride. It is far better not to install a manlift, if it cannot be properly installed.

COUNTRY DEALERS who contracted early last month or in April for July oats and wheat, are still wondering how they are going to come out on the deal. If they sold the oats for July delivery, will they get them if the farmer is unable to harvest them, and if he brings in damp, musty, discolored oats, how much will the discount be? Contracting with the farmer for the purchase of oats so long in advance is fraught with so much danger of friction and trouble that it would seem no dealer would take the chance for such small earnings.

THE COURTS and the grain exchanges have always looked with disfavor upon the man who sought to act as both principal and agent in any transaction. The contention is that no man can serve two masters well, and if one of the masters be himself then he is quite sure to serve himself better than he serves the principal for whom he is acting in the capacity of agent. The Chicago Board of Trade again upheld this position in the case of a pit trader who was recently detected in serving as both principal and agent in a pit transaction and the trader was suspended for 3 years.

LIGHTNING came near to causing the destruction of a large North Dakota elevator recently because the operators were so busy they did not notice that the house had been struck and did not discover the fire until several hours after the bolt had struck the building. The fire smoldered in one of the bins but fortunately the smoke gave warning during daylight and the local fire dep't extinguished the flames. Many cases have been reported in these columns where fire caused by a stroke of lightning was not discovered until 5 or 6 hours after the storm. Grain dealers whose buildings are not protected by rods or encased in metal, will find it to their advantage to keep vigilant lookout for fire long after every severe thunder storm.

ANOTHER RAILROAD has joined the list of those who refuse to repair or replace elevators and warehouses destroyed by cars jumping the track. The latest recruit is the Missouri Pacific, which destroyed a grain warehouse at Hannon, Mo., and is now seeking to escape liability for the damage done by hiding behind a clause in the lease of site on right of way which it forced the grain dealer to accept. It seems that none of the Gould lines are willing to deal fairly with the grain dealers who invest their own money in providing freight warehouse facilities for bulk grain along these lines. Shippers owe it to their own interest to build elevators only on their own land. Then when damage is done to their plant by the railroad the claim agent will promptly get down on his knees.



RECENT EXPERIENCES of several Illinois shippers gives additional proof of the danger of billing grain open to strangers. The Terre Haute Grain Co., has disappeared, but a couple of shippers are still seeking payment for grain shipped open, and it seems very doubtful that they will succeed in recovering any of their money. Losses of this character are reported so frequently in our columns, it would seem that no wide-awake grain dealer would ever ship any grain on an open B/L.

STARTING a gasoline engine while wearing an overcoat proved a very disastrous experiment to a South Dakota elevator man recently. The skirts of his overcoat were caught in the fly-wheel and he was thrown to the ceiling. Loose garments can never be safely worn by any one passing near or about moving machinery. So many accidents of this character are reported in the Journal it should not be necessary for us to warn readers of the danger.

A GALVESTON CORRESPONDENT in this number takes issue with our persistent insistence that carriers are liable for shortages in shipments notwithstanding they have covered up all evidence of any leak and the car is reported to have arrived at destination "in apparent good order." Fortunately the same mail brought us a report from a shipper who found the cause of one of his shortages reported in our "Leaking in Transit" dept. His car was reported to have arrived at destination "in apparent good order," yet one of his brother dealers reported the car to us to have lost about 10 bushels owing to draw-bar being pulled out. The shippers are depending upon the railroads for information regarding leaks which occur along the way, but inasmuch as the railroads do not take it upon themselves to supply this information the dealers are supplying it in sufficient cases to prove that some leaks do occur which the railroads strive to hide and cover up. The common law makes the carrier liable for delivery at destination of full amount received for shipment and unless shippers indiscreetly sign an agreement releasing carrier from this liability then they must make good. We have published enough reports of leaks in cars which were reported to have arrived at destination "in apparent good order" to prove beyond any doubt that it is the common practice of all carriers to cover up evidence of leaks in hope of escaping liability. Hence it is right and proper that every shipper should insist upon delivery of the full amount of grain entrusted to the carrier for transportation. If the carrier has any doubt as to the reliability of the shipper's weighing facilities it should require him to have his scales inspected and to give a sworn certificate of the weight and how it was obtained.

"NO INSURANCE" has again come to us at the end of reports of several elevator fires. In most of these cases it is claimed that the insurance had just expired. If insurance had been placed with any of the mutual fire insurance companies making a specialty of insuring grain elevators and their contents, the burden of seeing to the renewal of the policy would not be upon the property owner because the mutual companies make it a business to look after the interests of the elevator owners and remind them of expirations long in advance of expiration dates. Mutual companies not only work to reduce the fire hazards but they also strive to give the elevator owner the actual protection which he desires.

COUNTRY ELEVATOR MEN who store grain for farmers, owe it to themselves to print on storage receipt, and to post about elevator and office, the statement that "Any loss or damage to stored grain by fire, lightning, water, heating or other factors beyond our control must be at owner's risk." This gives the owner of stored grain due warning and relieves the elevator operator of the necessity of wasting time and money in defending foolish lawsuits. Grain dealers in many states are now discouraging farmers in storing grain, because some of the state laws place them under the supervision of the Public Utilities Commission, in case they charge for the service. Free storage has brought disaster to so many elevators, only those disposed to take the wildest chances are now indulging in the practice.

CUT-THROAT COMPETITION among operators at country stations seldom proves profitable to the grain growers of those stations or to those actively engaged in the competition. The grain buyers, in fighting one another for the grain, often overlook splendid opportunities to market their holdings at more than is offered by the market to which they usually ship. There is no actual necessity for grain dealers to dissipate their profits and capital in fighting for the opportunity to forward a farmer's grain to a central market. If they will but take one another into their confidence, at the same time being fair with the farmer, they will find the grain business much pleasanter and much more profitable. The dealers at one station, which was burdened with different varieties and colors of corn, held a conference with some of the leading farmers and a couple of receivers and it was clearly pointed out that if enough of the farmers marketing their corn at that station would select and adopt standard varieties of corn the grain buyers could afford to pay 3 to 4c more per bushel for each crop. The word was quickly passed along to other farmers with the result that it is expected most of this year's crop will be of one variety, and that a good one. Such co-operation helps every one concerned.

THE TIMELY WARNING sounded by Pres. Eikenberry in his annual address at Cedar Point of the pernicious activity of the Agricultural Dep't against established lines of business or manufacturing, is worthy of the serious consideration of every grain dealer and miller. If the agitation for co-operative business enterprises is continued in the farming districts many new business institutions will be established whether there be need of or opportunity for gain thereby. Much of the agitation has been founded on misrepresentation and many of the co-operative efforts have proved expensive experiments for the farmer. Nevertheless, many more farmers will be induced to invest their money in co-operative enterprises if the agitators keep at work. The Agricultural Dep't's field for advancing the interest of the farmer has never been along commercial or manufacturing lines and if the Dep't is to serve the entire people its efforts must be confined to the economical production of more and better farm products. Most of the country elevator men have been handling grain for less than it costs them, so the grain growers, as a rule, have nothing to gain by providing a new corporation to displace the regular grain dealer.

NEBRASKA'S new warehouse law bids fair to make a world of work and expense for country elevator men who are disposed to store grain for farmers longer than 10 days. The State Commission has ruled that if a grain dealer stores a farmer's grain longer than 10 days he must take out a license as a public warehouseman. It does not matter that the farmer's delivery of the balance of his crop has been delayed by bad weather. The Commission holds that the elevator man must buy it on the tenth day or become a public warehouseman. In view of the rulings of the Commission it would seem as tho free storage of farmers' grain is doomed in Nebraska. This will be a good thing for the elevator men who have been forced by competition into lending storage room much needed by them in the conduct of their own business. Last year a number of elevator men were so greatly encumbered by the large amount of wheat held in store for farmers that they could not properly care for their own grain. They did not dare ship and sell the farmers' grain because of the wild markets. The dealers who stored wheat free for farmers and shipped it out without hedging against it suffered untold losses because the grower, favored with free storage, insisted on reserving the right to sell his grain whenever it suited his whim; some of them are still holding. Any legislation which puts a perpetual check on free storage of grain in country elevators will help not only the grain dealer but also the grain grower. The farmer would be much better off to sell his grain as he hauls it to town. The old practice makes him too much of a speculator.



## Asked— Answered

[Readers who fail to find information desired on any subject of interest to grain dealers should send us their query for free publication here. The experience of your brother dealers is worth consulting. Replies to queries are solicited.]

### Customary Charge for Bleaching?

**Grain Dealers Journal:** We have installed in our plant an oats bleacher and will perform this service for all desiring it, and wish to learn what the other principal elevators thruout the country are charging per bushel for this work.—H. E. W.

**Ans.:** The customary charge for bleaching is  $\frac{1}{4}$  cent per bushel.

### No Switching Charge to Get Weights at Milwaukee.

**Grain Dealers Journal:** In the reply to Iowa Shipper on page 800 of the Journal for June 10 it is stated that as the Chicago & Northwestern Ry. Co. has no elevator at Milwaukee grain must be switched to get weights. This is incorrect. The Northwestern Ry. has an elevator on its tracks, the Rialto Elevator A of 1,500,000 bus. capacity. This elevator is operated as a public house, where all shippers on the Northwestern can get weights without switching charges.

If his grain was sold fob Milwaukee, as stated, the Milwaukee buyer is not entitled to charge the switching to Iowa Shipper. We suspect the buyer desired to get the grain into his own house. If the buyer had the right to charge switching on a sale fob he could as well order the grain moved to a remote point, to which the switching charge might be, say \$10, which would be unjust on the face of it.—John H. Van Dyke, of Nye & Jenks Grain Co., Chicago.

### Right to Brokerage on Defaulted Contracts?

**Grain Dealers Journal:** In our brokerage business we often have trouble in collecting brokerage which is due us, the average hay shipper seeming to think that if he defaults on a part or whole of a contract that he does not owe the broker anything for hay which he did not ship.

We have always contended that when we make a sale for a shipper, and the sale is accepted by the shipper, our brokerage is due us right then, whether the shipper ever ships the hay or not. And we have been told that our contention is correct, and it has been so decided by courts, and supreme court decisions, also by arbitration committees.

We would like to have references to court decisions upholding our contention.—C. F. Johnston & Co.

**Ans.:** Following are late decisions, and hundreds of other cases can be cited sustaining the broker's right to a commission when he has done his work:

A broker whose sale is prevented by the principal's wrongful refusal to close the sale is entitled to a commission.—Low Moor Iron Co. of Virginia v. Jackson, 34 S. E. 100.

Broker held entitled to commissions for procuring purchaser for "fancy" canned corn who refused the corn because it was not in fact of fancy quality.—Dennis v. Waterford Packing Co., 93 A. 58.

Where a broker procures the execution of an enforceable written contract of purchase on the terms authorized by the prin-

cipal, he has earned his commissions.—Williams v. Phelps, 171 S. W. 1100.

Broker's contract authorizing him to make sales until directed to desist, plaintiff could recover commissions on orders obtained but unfilled through defendant's inability to supply.—Baringer v. Rock County Sugar Co., 150 N. W. 989.

### Decision on Warranty of Seed?

**Grain Dealers Journal:** We understand the Kentucky Court of Appeals recently gave a decision in the case of Anderson & Spillman v. Yandell involving warranty of seed. What is the legal reference in this case?—H. A. Butler, mgr. Crete Mills, Crete, Neb.

**Ans.:** The case of Yandell v. Anderson & Spillman will be found in the Southwestern Reporter vol. 174, page 481. Other cases involving seed warranty are: Ross v. Northrup, King & Co., Supreme Court of Wisconsin, 144 N.W. Rep. 1124; Totten v. Stevenson, Supreme Court of South Dakota, 135 N.W. 715, and Natchez Drug Co. v. Ratekin Seed House, 146 N.W. 865.

### Filing Claim for Loss in Transit?

**Grain Dealers Journal:** Our scales are undoubtedly correct. Suppose on final returns a loss of 10 bus. of wheat is shown by papers from consignee and that the car has arrived in good condition, no leaks detected. On what grounds shall we make claim for recovery in filing claim against carrier as there was no evident leakage and shrinkage is out of the question?—Peter Backer & Son, Troy, Ind.

**Ans.:** In his claim shipper can allege loss in transit, basing claim on proof of his own weights, as the burden of proof is not on the shipper to show that the grain leaked out en route or was underweighed at destination. The burden is on the railroad company to account for the delivery of less than the full amount loaded into the car.

### Right to Cancel Contract?

**Grain Dealers Journal:** Having bids from a Kansas City commission house for both Kansas City and Chicago near par with each other I offered 20,000 bus. oats without designating the place to which I preferred shipping. In due time I received message stating "We have booked oats" stating the amount and price, basis Kansas City.

In about an hour I received another message stating that my contract had been canceled as oats worked better to Chicago, but in figuring this out they charged Kansas City too high a rate of freight, an old rate. Later they wired me they would make a Chicago bid first of the next week; but I notified them before the opening of the market that I would contend for the original confirmation.

Does the telegram, properly signed constitute a contract and can I hold them to it? The price has declined about 5 cents.—T. M. Harbaugh.

**Ans.:** As it was immaterial to you whether you shipped to Kansas City or Chicago and you in offering gave them

the choice of the two destinations, the buyers should have the privilege of canceling the contract and substituting Chicago, at a price that nets you the same, assuming that a valid contract was closed. As the bids were slightly different in price if, in offering you named one of the two prices, your offer then was sufficiently definite to fix the destination, altho you did not mention it; and if their confirmation on basis Kansas City corresponded with their original bid on Kansas City, their telegram established a meeting of minds and closed the contract.

## Leaking in Transit

Grain dealers can help brother sufferers in the collection of claims for loss by reporting to Grain Dealers Journal, Chicago, for free publication, the initials, number, place, date and condition of cars seen leaking grain in transit.

Recently we have received reports of the following leaking or bad order cars:

A. T. & S. F. 25227 passed thru Callao, Mo., July 5, via C. B. & Q., leaking kafir corn at drawbar. Car was set out for repair but I saw car pull out and it was leaking as it left but not as badly.—Everett Buster.

Soo 106260, loaded with barley, was transferred at Paynesville, Minn., July 8 into Soo 27124 on account of drawbar being pulled out and considerable grain leaking.—Agt. Cargill Elvtr. Co.

C. R. I. & P. 38322 passed thru Davenport, Ia., July 8 loaded with wheat which had every appearance of having been in a wreck, the wheat undoubtedly having been transferred to above car.—S.

C. B. & Q. 103656 was transferred to C. B. & Q. 120157 at Louisiana, Mo., July 2, The end was broken out and considerable white shelled corn was lost in transfer.—S. M. Case.

### Coming Conventions.

Aug. 5.—Michigan Hay & Grain Ass'n at Jackson, Mich.

Oct. 11-13.—Grain Dealers National Ass'n at Peoria, Ill.

RATS ARE SCARCE in Germany due to the efficient methods employed for their extermination. If ordinary methods fail to eliminate the rodents the police are notified and an official rat catcher is detailed to the work. No charge is made for his services.

GRAIN TRADING has been working closer to a spot basis this summer on account of the uncertainty of future developments in ship charters, foreign exchange and war risks. In past years it has been the practice to contract wheat for shipment to Europe several months in advance of the movement.

### The Grain Trade's Activity.

WHEAT CROP, U. S., bus.....	1914-15.	1913-14.
Wheat receipts, primary markets, July 1, 1914, to July 6, 1915, bus.	891,017,000	754,380,000
U. S. Wheat exports, July 1, 1914, to July 6, 1915, bus.....	444,468,000	318,132,000
Argentine wheat exports, Jan. 1, 1914, to July 6, 1915, bus.....	317,142,000	192,860,000
Wheat, visible supply, July 3, 1915, bus.....	119,127,000	138,674,000
Canadian visible wheat supply, July 3, 1914, bus.....	7,948,000	13,248,000
FLOUR EXPORTS, July 1, 1914, to July 6, 1915, bus.....	4,550,000	9,160,000
OATS CROP, U. S., bus.....	15,935,000	12,427,508
Oats receipts, primary markets, Aug. 1, 1914, to July 6, 1915, bus.	1,141,060,000	1,128,768,000
U. S. Oats exports, July 1, 1914, to July 6, 1915, bus.....	268,715,000	216,045,000
Oats, visible supply, July 6, 1915, bus.....	100,641,000	18,553,000
CORN CROP, U. S., bus.....	4,345,000	7,210,000
Corn, visible supply, July 6, 1915, bus.....	2,672,804,000	2,446,988,000
Corn receipts, primary markets, July 1, 1914, to July 6, 1915, bus.	5,225,000	6,912,000
Argentine corn exports, Jan. 1, 1914, to July 6, 1915, bus.....	259,427,000	240,878,000
RYE EXPORTS, U. S., July 1, 1914, to July 6, 1915, bus.....	211,338,000	234,334,000
BARLEY EXPORTS, U. S., July 1, 1914, to July 6, 1915, bus.....	12,136,000	2,382,000
CHICAGO BOARD OF TRADE CLEARINGS, June, 1915.....	10,377,000	11,826,000
	\$12,266,000.25	\$4,075,961.91



## Letters

[Here is the grain dealers' forum for the discussion of grain trade problems, practices and needed reforms. When you have anything to say of interest to members of the grain trade, send it to the Journal for publication. It may draw out the views of others.]

### Defective Fireproof Grain Storage.

*Grain Dealers Journal:* It seems there never was a real good, dyed in the wool article, put upon the market but the imitation, "Just as Good," immediately followed.

Now comes the imitation fireproof grain elevators, and grain storage. Years ago the steel tanks and structural steel, ironclad storage, and working plant came in, as the only absolutely fireproof structure. This was taken by the grain men on its advertised merits, until a fire occurred in the plant, or nearby, and the "fire proof" building collapsed and became a damaged steel structure. The working house was ruined, the grain was cooked and spoiled, and usually no insurance was carried as this plant was "Fire Proof!!!"

Then came the real fireproof work, the reinforced concrete—costly surely, and this fact has been the cause of this class of construction being passed up for the cheaper wood buildings, not, however, all owing to the greater cost. Part of the blame is due to contractors trying to cheapen the reinforced concrete construction, by a poor mixture of pit run, dirty material, and insufficient reinforcing and improper placing of same. Poorly placed and useless equipment is also partly to blame for unsatisfactory concrete elevators. By not carrying the elevator heads above the walls of bins some builders waste valuable storage space. In these plants the bins cannot be filled to capacity so costly storage space is wasted to save a few dollars on the cost of the head house.

Placing the elevator legs in a bin, with no guides or casings for belt and cups, causes the cups to spill half of their contents before reaching the head pulley. The cost of steel leg casing may be saved, but at great cost.

It will be only a question of a short time, until grain dealers contemplating erecting reinforced concrete grain storage, will declare: "I am from Missouri."—Yours truly, J. F. Younglove, Sioux City, Ia.

### Bulk Grain Shortage Claims.

*Grain Dealers Journal:* Each month your journal has published replies to inquiries as to carrier's liability for difference in weights at billing point and destination, when the investigation of the carrier develops that the car has been properly inspected and coopered for bulk grain loading, locates no loss by leakage in transit, and shows it to have been delivered to consignee under the shipper's loading seals.

Invariably your replies have been in the form of listing law cases wherein shippers recover from carriers, with comments to the effect that carriers in making deductions for shrinkage are simply taking so much from the shipper to whom it belongs, and appropriating it themselves.

The point of contention at this time between the shipper and the carrier is the allowance of a reasonable amount to cover the normal wastage in the handling of bulk grain.

The carriers have, for some years requested this allowance and on several occasions have introduced the allowance into their tariffs and classifications. These allowances have uniformly been  $\frac{1}{4}$  of 1% on corn and  $\frac{1}{8}$  of 1% on other grains.

Our Bureau of Plant Industry has conducted many tests, handling cars on the road and holding them on tracks to determine the truth as to shrinkage and their conclusion is that, "There is unquestionably a natural shrinkage in commercial corn during transit and while in storage." Also "In the handling of grain through an elevator, commercial grain drier, or over a conveyor there is always a slight loss in weight due to the blowing out of small particles of broken grain, dust, chaff, etc."

The shrinkage allowance requested by carriers seldom exceeds 150 lbs. for corn and 100 lbs. for wheat per car-load. This amount is well within the tolerance for error that has been recognized by the joint committee representing the National League of Shippers on the one hand and the Railroads on the other, with a representative of the Interstate Commerce Commission present at many of the sittings. Neither does it contradict the testimony of record in the Interstate Commerce Commission hearing in the weighing case.

We direct your attention to the Journal of June 10th wherein you term "Natural shrinkage," as "that bugaboo of the railroads." Then refer to that part of the address of V. E. Butler, Director of the Grain Dealers National Mutual Fire Insurance Co. on "The Cost of Handling Grain," in the same issue. He quotes with reference to, "Shrinkage" three specific cases. The smallest percentage was  $\frac{3}{4}$  of 1% and the largest was 1-3/10%, the latter being between the dealer's own scales and at an interval of only 48 hours.

If this is true of the handling by the shipper in his own elevator why is it not also true when in possession of the carriers? Should the carrier be made to guarantee that the out turn weight should balance the loading weight when the shipper himself cannot accomplish this in his own elevator and over the same scales?

No doubt some shippers have putty on the weight balance of their small portable scales yet undiscovered (Pg. 489 Apr. 10th issue) and expect the hopper scale at the terminal market, weighing the entire car at one draft to tally with their declared weight. The shipper can truthfully make an affidavit that to his best knowledge and belief his scales are in perfect balance and that all of the grain weighed was placed in the car. Should the carrier be held liable for the difference?

We admit that all cars of grain will not shrink in the same ratio. It depends almost entirely on the condition of the grain itself. It is certain however, that  $\frac{1}{8}$  of 1% does not exceed the average shrink.

In our opinion the weight agreement entered into between the grain dealers of the Oklahoma Ass'n. and the railroads is a monument to common sense and fairness in business dealings. [This agreement was published on page 726 of the Journal for May 25.] We are glad that it has your commendation. Refer to

Article "B" of the agreement and compare the opportunities for loss to occur with both the dealer and the carrier. Consider the movement of the grain through the dealers elevator after it has been weighed until it reaches the car, and then from the car to the consignee's scale, as against its dormant condition while being handled by the carrier. Item 4, of this article shows that the dealers of Oklahoma did not try to dodge the shrinkage feature but include it as a cause for variation in weights of bulk grain shipments.

Do you not believe that the carriers are sincere in their request for the shrinkage allowance? Do you not believe that there is opportunity for slight discrepancies as a result of the human element in the scaling operation? Do you not believe that there is merit in their request?

We are open to a frank discussion of the merits of this allowance to cover the normal wastage occasioned by handling in and out of elevators and would be very glad indeed to hear from any dealer.—Yours very truly, H. A. Butts, Freight Claim Inspector, Galveston, Tex.

### Secy. Wells Favors Compulsory Arbitration.

*Grain Dealers Journal:* I have read with considerable interest your editorial in the Journal of May 25th. on "Compulsory Arbitration" also the letter by Ex-president Jones in the June 25th Number of the Journal.

As you state, arbitration was first given prominence in the work of the Grain Dealers National Assn at its Annual Convention held in Des Moines, Oct. 2-4, 1901, and it was my privilege to read a paper on the subject of "Arbitration" at that Convention.

I think, however, that the Iowa Grain Dealers Ass'n had already become active in upholding the idea of arbitration of grain trade differences and I remember very distinctly that our arbitration committee had considerable work to do during those years. The National Assn, however, taking up the work in the broader scope, so that the grain trade in general had to a certain extent organized the practical use of arbitration as an economical means of settling disputes as between buyers and sellers of grain.

The arbitration decisions of the committees of the different associations and particularly of Grain Dealers National Assn have established precedents and inspired grain trade rules and practices showing that the benefit of arbitration reaches far beyond the specific cases that have been considered by the arbitration committees. In fact, during the past six or eight years the arbitration committee of the Western Grain Dealers Assn has hardly been called upon to consider any cases, as I have been able to make friendly adjustments on the basis of previous arbitration decisions.

The question of making arbitration compulsory by all grain trade organizations, however, has not been thoroughly considered, so far as I know.

I believe that it is entirely practicable for state and national grain trade organizations to make arbitration compulsory subject to suspension or expulsion of membership, but I think there would be a legal question involved as to the right of a terminal market board of trade to enforce arbitration under conditions of suspension or expulsion of member-



ship for the reason that the board of trade membership has a property value and that the organization could not legally apply such a penalty as it would confiscate property without due process of law.

In your issue of May 25th is published a letter by C. E. R. Winthrop with the Anderson Grain Co. of Wichita, Kan., in which he seems to criticize the grain dealers from start to finish and refers to state associations without giving names, applying the same criticisms to the associations as organizations as he does to the grain trade at large.

He gives quotations from letters received from certain secretaries and the northern Assn to which he refers is the Western Grain Dealers Assn and I am the secretary of that Assn and the quotation given is correct.

On inquiry, I found that Mr. Winthrop or the Anderson Grain Co. did not hold membership in the Grain Dealers National Assn and their plea was that they were entitled to an arbitration because they have membership in the Wichita Board of Trade.

Now the fact is that in this particular case the Anderson Grain Co. rendered an erroneous statement, and so admitted, which did not tend to hasten the matter of settlement; and inasmuch as their complaint came to me as a request to make a collection for them and also that they did not have membership in the Grain Dealers National Assn, prompted me to advise them that we were not a collection agency, and it is my personal opinion that if concerns like the Anderson Grain Co. desire to make use of arbitration committees of the state associations to collect their claims against shippers, that they should affiliate themselves with the Grain Dealers National Assn.

Later I received a letter from the secretary of the Wichita Board of Trade advising that under their by-laws a non-member is allowed the privilege of arbitration with a member provided he would submit his papers to their directors and satisfy them that he has a claim, in which case the directors can compel their member to arbitrate.

Now the question that I desire to submit to the secretary of the Wichita Board of Trade and to the Anderson Grain Co. is: "How they would personally compel a member of the Wichita Board of Trade to arbitrate a difference with a non-member?"

I have at different times endeavored to obtain an arbitration before a terminal market board of trade arbitration committee, but have been advised that they could not enforce the arbitration with a non-member for the reasons, as I have outlined above.

If terminal market boards of trade and grain exchanges can see their way clear to enforce arbitration on complaint of non-members, it would certainly give the country shippers an opportunity to present their differences effectively and these arbitrations, should all in my opinion, be subject to an appeal to the arbitration committee of the Grain Dealers National Ass'n. to be considered as provided by the rules of that organization.

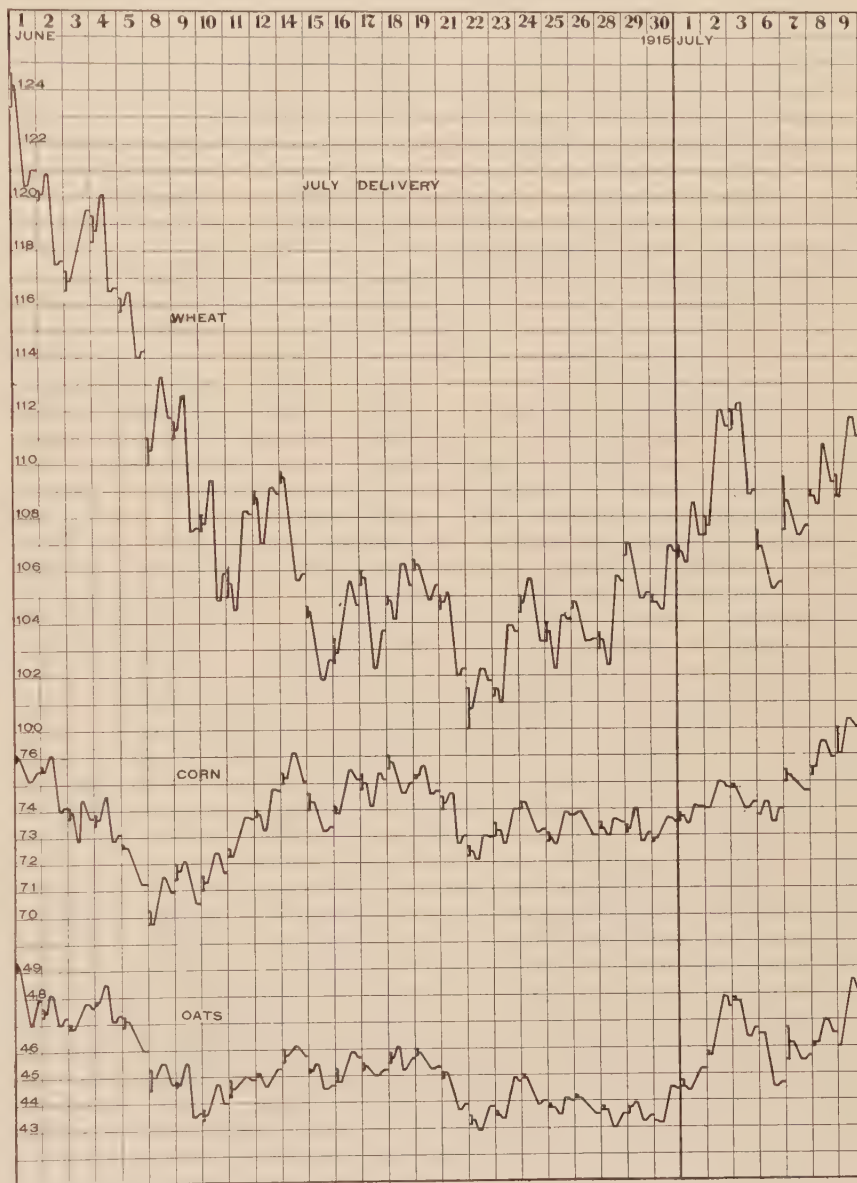
I am willing to facilitate the presentation of arbitration cases when offered before the arbitration committee of the Western Grain Dealers Assn or the Grain Dealers National Assn by members of any of these organizations, but I am not willing to undertake to act as a collection agency for a concern who does not affiliate with grain trade asso-

ciations and refuses to contribute moral and financial support to these organizations.—Yours very truly, Geo. A. Wells, Secretary, Des Moines, Ia.

THERE ARE TIMES when we go without things, known as luxuries, but the Grain Dealers Journal has been a necessity in our business for many years.—W. A. Mansfield, mgr. Davenport Grain Co., Davenport, Wash.

## Chicago Futures

Opening, high, low and closing quotations on wheat, corn and oats for the July delivery at Chicago for the month of June and part of July are given on the chart herewith.



### Daily Closing Prices.

The closing prices for wheat and corn for the September delivery at the following markets for the past two weeks have been as follows:

	SEPTEMBER WHEAT.											
	June 25	June 26	June 28	June 29	June 30	July 1	July 2	July 3	July 6	July 7	July 8	July 9
Chicago .....	102½	101½	103	101½	102½	102½	104	102½	101	102½	103½	103½
Minneapolis .....	103½	102½	104½	102½	103½	103½	105½	104	102½	103½	104½	104½
Duluth .....	105½	104½	106½	104½	105½	105½	107	105½	103½	105½	106½	106½
St. Louis .....	99½	98½	100	98½	99½	99½	101½	100½	98½	99½	100½	101
Kansas City .....	94½	95½	96½	95½	96½	96½	98½	96½	95½	96½	97½	97½
Milwaukee .....	102½	101½	103½	101½	102½	102½	104	102½	101	102½	103½	103½
Toledo .....	104½	103½	105	104	104½	104½	107	105½	103½	104½	106½	106½
*Baltimore .....	115½	115½	116	116½	116½	116½	110½	110	108½	109½	109	110½
†Winnipeg .....	102½	102½	104	102½	103½	.....	104½	103½	101½	102½	103½	104½

SEPTEMBER CORN.												
Chicago .....	73	71½	72½	71½	72½	72½	73½	72½	72½	73	74	74½
Kansas City .....	70½	70½	71	69½	69½	69½	70½	70	69½	70½	71½	71½
St. Louis .....	71½	71	73½	70½	71½	71½	75	71½	71	71½	72½	72½

\*June delivery to July 1—Then July. †October delivery.



## Government Crop Report.

Washington, July 8.—The Crop Reporting Board of the Bureau of Statistics makes the following estimates from reports of its agents and correspondents of the condition and acreage of grain on July 1:

State.	Winter Wheat.		Forecast,		1914.
	Condition, 1915.	av.	July 1 10-yr.	1915. From July 1	
			Condition, 1915.	Estimate.	
			*Bushels.	*Bushels.	
N. Y. ....	94	88	8,200	8,100	
Pa. ....	87	89	21,800	23,747	
Md. ....	81	88	9,600	13,158	
Va. ....	87	89	15,000	11,296	
N. C. ....	88	88	10,900	7,332	
O. ....	91	80	37,500	36,538	
Ind. ....	82	82	43,100	43,239	
Ill. ....	85	81	48,900	46,250	
Mich. ....	89	82	17,400	17,316	
Ia. ....	90	88	12,100	11,016	
Mo. ....	73	82	37,400	43,333	
Neb. ....	89	81	73,700	64,172	
Kan. ....	76	73	126,800	176,300	
Ky. ....	79	86	9,500	12,540	
Tenn. ....	75	86	8,100	11,160	
Tex. ....	91	73	21,200	14,066	
Okla. ....	80	73	43,800	47,975	
Mont. ....	92	92	17,300	11,063	
Ida. ....	97	94	11,100	9,322	
Wash. ....	100	92	32,100	25,440	
Ore. ....	95	92	16,000	13,684	
Cal. ....	84	78	7,600	6,800	
U. S. ....	84.4	81.7	668,000	684,990	
Spring Wheat.					
Minn. ....	91	85	68,200	42,000	
N. D. ....	93	85	106,200	81,592	
S. D. ....	96	79	52,900	30,600	
Wash. ....	96	89	19,200	16,400	
U. S. ....	93.3	84.2	295,000	206,027	
Oats.					
N. Y. ....	93	90	44,600	40,162	
Pa. ....	98	88	39,900	32,190	
O. ....	97	83	66,900	50,325	
Ind. ....	100	77	64,700	44,888	
Ill. ....	98	78	178,800	125,990	
Mich. ....	94	86	53,200	50,752	
Wis. ....	94	91	83,000	62,100	
Minn. ....	93	85	115,400	85,120	
Ia. ....	94	86	181,500	165,000	
Mo. ....	97	73	40,300	25,800	
N. D. ....	92	85	73,200	64,904	
S. D. ....	97	81	53,500	44,165	
Neb. ....	97	79	70,700	69,600	
Kan. ....	89	70	55,500	58,960	
U. S. ....	93.9	83.2	1,399,000	1,141,060	
Barley.					
Wis. ....	94	90	19,400	18,428	
Minn. ....	91	84	35,600	31,694	
Ia. ....	95	88	10,100	9,360	
N. D. ....	90	85	29,800	28,275	
S. D. ....	96	81	20,200	19,550	
Kan. ....	97	66	6,500	5,880	
Colo. ....	97	89	4,000	3,966	
Ida. ....	97	96	7,900	7,030	
Wash. ....	97	93	7,000	7,098	
Ore. ....	94	93	4,300	3,660	
Cal. ....	97	84	44,900	42,060	
U. S. ....	94.1	84.8	208,000	194,953	
Corn.					
State.	Acreage, 1915.		Condition, 1915.		From July 1, Con- dition.
	P. Ct. of	*Acres.	1915.	av. 10-yr.	
			*Bushels.		
Pa. ....	104	1,522	85	87	60,200
Va. ....	112	2,152	89	89	53,600
N. C. ....	107	3,033	85	88	54,100
Ga. ....	111	4,440	86	87	65,700
O. ....	104	3,796	85	85	146,800
Ind. ....	102	5,048	85	86	188,800
Ill. ....	101	10,449	82	86	351,300
Mich. ....	100	1,750	72	84	51,700
Wis. ....	102	1,760	68	86	50,900
Minn. ....	103	2,678	65	83	69,600
Ia. ....	101	10,350	74	88	306,400
Mo. ....	100	7,200	75	84	183,600
S. D. ....	107	3,210	75	86	77,000
Neb. ....	98	6,958	76	86	156,000
Kan. ....	97	5,674	71	84	96,700
Ky. ....	106	3,869	93	87	116,900
Tenn. ....	106	3,551	94	86	98,500
Ala. ....	120	3,917	89	84	71,500
Miss. ....	118	3,717	94	82	78,300
Ia. ....	120	2,400	90	81	54,400
Tex. ....	117	7,488	83	77	158,500
Okla. ....	108	4,320	93	81	80,400
Ark. ....	115	2,760	92	82	63,500
U. S. ....	105.6	109,273	81.2	84.7	2,814,000

\*In thousands—i. e., 000 omitted.

Wheat remaining on farms July 1 is estimated at 3.3 per cent of last year's crop, or about 28,972,000 bushels, compared with 32.-236,000 on July 1, 1914, and 28,891,000, the average of stocks on July 1 for the five years 1909-1913.

## Crop Reports

Reports on the acreage, condition and yield of grain and field seeds, as well as on the movement to country markets, are always welcome.

## CANADA.

Edmonton, Alta., Can., June.—Estimate of crop area 1914—Spring wheat 989,561; winter wheat 49,930; oats 1,147,382; barley 340,992; flax 41,656; rye 14,623; speltz 2,025; total acres 2,586,169; area 1915—spring wheat 1,200,000; winter wheat 45,000; oats 1,450,000; barley 420,000; flax 50,000; rye 17,500; speltz 2,500; total acres 3,185,000; increase 598,831 acres.—Dept. of Agriculture.

## GEORGIA.

Augusta, Ga., July 3.—Georgia put down last Fall two acres to the usual one in oats; and reports show that there will be 16,000,000 bus. of oats this year as opposed to the usual 9,000,000, a good deal of these oats will have to go into feed oats, regards to wheat planted fifty acres or more to the usual one acre; rye crop is probably normal; the out-turn in forage is 50% more, and the grain outturn is sometimes one hundred per cent more than other ryes.—N. L. Willet, N. L. Willet Seed Co.

## IDAHO.

Nezperce, Ida., June 25.—Crop in excellent condition at present; hot weather on.—Nezperce-Rochdale Co.

## ILLINOIS.

Windsor, Ill., July 7.—Lots of rain; wheat all cut; beginning to thresh some.—Munson Bros.

Ocoya, Ill., July 7.—Crop condition good.—A. F. Conrad, Farmers Elvtr. Co. of Ocoya.

Mahomet, Ill., July 1.—Oats and wheat are very rank.—F. E. Davis, mgr., Mahomet Grain Co.

New Canton, Ill., July 9.—Wheat damaged about 30% by heavy rains; corn in bad shape.—Fred Rose, mgr. W. Heidloff.

Shirley, Ill., June 21.—Prospects are fine for crops: rains are right.—F. J. Zimmerman, mgr. Shirley Farmers Grain & Coal Co.

Hillsboro, Ill., June 30.—Wheat and oats look good; have had so much rain farmers cannot go into fields to plow corn; some corn not planted yet; some replanted; all weedy.—C. B. Wiley & Co.

Pana, Ill., June 26.—Reports of dealers present at local meeting show good wheat condition. Yield will be 20 to 30 bus. per acre. Quality is best ever.—E. B. Hitchcock, sec'y, Ill. Grain Dealers Ass'n.

Rockport, Ill., July 7.—Wheat, corn and oats crops are badly damaged on Mississippi River bottom lands and unless weather improves not over 40% of the crops will be saved.—H. Clay Shaw.

Maroa, Ill., June 24.—Crops in fine condition looks good for a bumper crop; plenty of rain at the right time; no serious complaints of fly in wheat at the present time.—C. W. Gober, agt. Shellabarger Elvtr. Co.

Industry, Ill., July 3.—Wheat about all cut; will average about 30 to 35 bu per acre; oats heavy; afraid they will fall down before they are ready to cut; corn looks fine except some that lacks cultivation on account of wet weather.—Sullivan & Jewison.

Sinclair, Ill., July 2.—Wheat is in bad shape and farmers are having a hard time cutting; will have a fair crop if saved from the rain; oats need dry weather and the corn is weedy and backward; with good weather it will make an average crop.—T. U. Fox.

## INDIANA.

Hamlet, Ind., July 3.—Wheat looks and promises enormously, altho much has gone down; oats never looked better; corn somewhat backwards; much replanting.—J. S. McCormick, mgr., Farmers United Grain Co.

Wabash, Ind.—July 2.—Corn looks fine tho backward in some fields. Much of it is waist high; heavy fields of oats; most wheat has been harvested with yield near 30 bus. to acre.—E. B. Hitchcock, sec'y, Ill. Grain Dealers Ass'n.

## IOWA.

Gravity, Ia., July 6.—Has been very wet; just began cutting wheat.—L. G. Blakslee.

Winfield, Ia., July 5.—Oats crop is fine but corn is a little late tho doing well.—H. W. Van Dyke.

Adair, Ia., July 8.—Oats fair, some rust, some heads not filling.—Geo. Harry, agt. Davenport Elvtr Co.

David City, Ia.—Crops are about ½; too wet for corn; lots of corn to be replanted.—David City Elvtr. Co.

Cloverdale, Ia., July 8.—Oats good. Some corn knee high, all growing nicely.—Wm Schlicht, agt. Davenport Elvtr. Co.

Winfield, Ia., July 5.—Oat crop fine; corn a little late but doing fine.—H. W. Van Dyke, mgr., Winfield Elvtr & Supply Co.

Everly, Ia., July 2.—Crops are looking fine; corn a little small for this time of the year; is growing nicely the past week; looks like will have an early oat harvest.—F. W. Roberts.

Shelby, Ia., July 8.—Oats are fine, heavy rains have lodged them some; corn backward and will need seasonable weather and late fall to mature properly.—H. C. Hale agt. J. F. Dow & Co.

Fairfax, Ia., July 2.—Corn crop stand will be a little over ½ with another week of good weather; most of corn will be knee high; oats looking good a little rank and a few blackheads.—Agt., Jackson Grain Co.

Cedar Rapids, Ia., July 7.—Corn thru central and southern Iowa is fairly good and only 2 weeks late; corn in the northern part of the state is 3 weeks late; stand of corn is thin everywhere; a large acreage has been abandoned; as a result an unusual amount of buckwheat and millet is being sown.—S

Des Moines, Ia., July 5.—The week was unseasonably cool; rainfall was less than normal except in the south central and south eastern counties where it was heavy and of daily occurrence; frequent rain preventing haying and harvesting in southern counties; cold weather retarded the growth of corn; good progress was made in cultivating corn over the central and northern counties; crop thrifty though backwards and with warm weather will make rapid growth; some fall wheat and rye cut; but over most of the area where the grain was ripe there was too much rain to do any harvesting; showery weather also retarded ripening of grain.—U. S. Dept. of Agriculture.

## KANSAS.

Attica, Kan., June 25.—Wheat crop fine.—Charles & Johnston.

Plevna, Kan., June 26.—Wheat will average 15 bus.; corn looking fine.—J. N. Hinshaw.

Stafford, Kan., July 1.—Bumper crop ready to harvest.—Stafford Grain & Supply Co.

Arlington, Kan., June 26.—Wheat will average 12 bus. corn looking fine.—W. S. Yundt mgr. Arlington Elvtr Co.

Hutchinson, Kan., July 5.—New crop will be very light.—C. E. Chase, mgr., White-side Co-operative Equity Exchange.

Neola, Kan., June 26.—Wheat will average 10 bus; corn looking fine.—A. E. Harman, mgr. Neola Elvtr. & Supply Co.

Kiowa, Kan., June 26.—Wheat cutting has commenced but too wet to do much good; lots of wheat down.—C. R. Dixon, mgr. Stevens Scott Grain Co.

Hardtner, Kan., June 22.—Harvest to begin June 23; wheat yield cut in two on account of army worm and hail.—C. W. Lewis.

Uniontown, Kan., June 29.—Everything is drowned out and will have nothing to handle unless some late maturing crop is raised.—C. H. Konantz, mgr., Goodlander & Konantz.



Preston, Kan., June 26.—Wheat will average 16 bu; corn looking well.—F. M. Sieg, agt., Kansas Flour Mills.

Wilson, Kan., July 6.—Harvest very late on account of heavy rains; with return of sunshine at once no great damage will result; yield will be 16 to 18 bu. per acre and average quality;

Beverly, Kan., July 6.—If we can save wheat we have will average 15 to 18 bu. per acre; acreage last year 19 bu; fly has thinned some fields; quality not as good as last year.—M. Chamberlain.

Natoma, Kan., July 6.—Wheat already damaged 25% by excessive rains; in some localities badly damaged by hail; average yield will be about 15 bu.—E. H. Drake, mgr., Farmers Union Shipping Assn.

Pretty Prairie, Kan., June 26.—Wheat crop about 60% of last year; oats best ever raised; not much corn and rough feed which is very poor stand on account of too much rain.—E. B. Schmitt, agt., The Rock Mfg. & Elevtr. Co.

Waldo, Kan., July 6.—Probable wheat yield 20 bu. per acre; crop damaged 30% by hail; some black rust in wheat; wheat down and will be hard to cut; general condition and outlook not very favorable.—H. P. Tripp, mgr., Waldo Farmers Union Co-op Assn.

Simpson, Kan., July 8.—Wheat crop in poor condition account of windstorms; cutting in full blast; if wet weather continues bound to be lots of spoiled wheat as so tangled cannot be saved except by threshing; threshing to begin in a week or so depending entirely on the weather condition.—R. S. Reed, mgr., Simpson Grain Co.

Luray, Kan., July 5.—Wheat in poor condition; wheat down and will be of poor quality; average yield will be around 20 bushels to acre; young grasshoppers doing damage by biting off grains from head of wheat; good crop of oats but they are down and badly tangled.—W. A. Harding, mgr., Farmers Union Co-op Assn. of Luray, Kans.

Chetopa, Kan., June 18.—Crop conditions not very promising; corn is damaged 50%, oats 30% and wheat 30% on account of too much rain and overflow of rivers and creeks; much corn replanted; wheat that is ready to cut must suffer loss as it is impossible to get into the fields; only clear dry weather may relieve the situation.—J. F. Hazel.

Topeka, Kan., July 3.—Rain, hail, floods, wind, hessian fly, chinch bug, and other known causes have combined to prevent Kansas, for the second time in succession, raising a record breaking winter wheat crop. But in face of this, the state has a chance to raise the second largest crop in her history, owing to the irregularity of the growing crop, it is difficult to estimate the yield at this time; the damage done by Hessian fly has been under, rather than over estimated. Many fields that were examined two weeks ago, where there was evidence from this cause apparent, but not considered serious, a later visit to these same fields revealed the fact that many of them were not worth harvesting. This pest is now a serious menace to farmer in practically every county east of a line drawn north and south, west of the west line of Jewell, Lincoln, Reno and Harper counties. Un-

less farmers in infested districts adopt radical measures to exterminate this pest, they will be compelled to give up raising wheat. Much of the wheat has lodged and most of this lodged wheat presents a dirty green appearance, and is not filling; Acreage sown to wheat last fall, in sixty counties shows a combined acreage of 6,037,293 against 5,886,511 sown in 1913, or an increase of 150,782; this increase, if maintained, by the remaining forty-five counties, will show an increase of 9,236,341 acres sown in the fall of 1914; in southeastern part of state, much of the land intended for corn will be planted to kaffir and other sorghums; north-central counties make the best showing. On the limited acreage sown, the estimated average per acre for oats is 37 bushels per acre.—E. J. Smiley, Sec'y., Kansas Grain Dealers Assn.

Topeka, Kan., June 25.—Yield of 138,700,000 bushels of winter wheat in Kansas this year, or an average yield of 16.3 bushels to the acre; this is 2,100,000 bushels more in the aggregate than the May forecast, and a gain in acre-yield of four-tenths of a bushel; 10% more wheat sown last fall than the growers' had estimated, and nearly 3 per cent more than the 1914 acreage in 53 counties; should this increase be maintained by the returns of the 52 counties yet to be received, the total area sown last fall would amount to about 9,300,000 acres, as against the 9,061,000 acres in 1914, which was the state's most extensive sowing of wheat up to that time in 37 counties probable acre-yields are less than indicated a month ago, while in the majority of the principal wheat counties the prospect on the area to be harvested is as good or better than thirty days before; in the following counties, for example, notable gains were made: Lincoln, with an increase in indicated acre-yield of 3 bushels, Russell 1 bushel, Osborne 2 bushels, Rawlins 2, Norton 4, Ellis 5, Ellsworth 1, Ford 2, Gove 3, Graham 1, Jewell 1, McPherson 1, Mitchell 2, Phillips 1, Republic 1, Rooks 1, Saline 2, Sedgwick 1, Thomas 3 and Trego 5; weather conditions in these counties, as well as in quite a number of others, were generally favorable for wheat, according to reporters, and inasmuch as their sowings represent fully one-third of the total wheat area of Kansas a very far-reaching effect is had on the probable total yield for the state; weather permitting, the wheat harvest in many localities will be in full swing next week; present outlook for corn is not flattering, the average condition for the state's growing corn is given as 65; this is the lowest June condition reported by the Board in 20 years. excessive moisture prevented planting the expected area, and there seems small likelihood that the acreage will even approximate that of last year (5,279,000 acres), which was the smallest since 1891; reports indicate that 57 per cent of the corn was planted at the usual time, and owing to continued wet, cool weather considerable replanting was necessary, particularly in recognized corn territory, amounting per-

haps to as much as 23 per cent for the state as a whole. There has been more or less damage from washing, and the stand has been destroyed in limited areas in the valleys of the overflowing waters. Because of lack of opportunity to cultivate, the fields are generally reported as weedy; acreage of oats is probably a little under that of a year ago, and the average condition on the whole is 87 per cent, as compared to 80 in May.—J. C. Mohler, Sec'y., Kansas State Board of Agriculture.

## MICHIGAN.

Leonidas, Mich., July 6.—All crops in this vicinity looking good; larger acreage of rye than usual.—White Bros. & Co.

Linden, Mich., June 25.—Crops are looking good, but corn is a little backward; with warmer weather it will gain fast.—C. R. Price.

Lansing, Mich., July 7.—Average estimated yield of wheat in the state is 17.69; condition of corn in the state is 71. One year ago the condition of corn in the state was 92; acreage of beans planted or to be planted as compared with last year is 99 in the state. The condition of beans compared with an average is 86 in the state; acreage of buckwheat sown or to be sown as compared with last year is 91; average estimated yield of rye in the state is 15 06.—Coleman C. Vaughan, Sec'y. of State.

## MINNESOTA.

Darwin, Minn., July 6.—Crop conditions fine; corn poor on account of cold weather.—Robert J. Hass, agt., Monarch Elevtr. Co.

Brown Valley, Minn., June 18.—Too much rain for crops; too cold for corn, plant very soft and tender; stand perfect in all fields.—F. A. Monroe.

Hayfield, Minn., June 22.—Small grain looking good; rain has done some damage to corn but not as much as was at first suspected; weather now favorable for all crops.—Sunwall Independent Elevtr.

Minneapolis, Minn., July 7.—The first five days of past week were warm with ample but not excessive moisture; the last two days were cool with sufficient breezes to keep the grain moving; early wheat, oats and barley are quite generally headed out and are looking remarkably well, both as to stand and color; rye is filling nicely, though the stand is a little thin; it is quite difficult to say how the conditions for small grains in Minnesota, North Dakota and South Dakota could be better than they are; there is an old saying that, "Corn should be knee-high on the first of July," it is not so this year. During first of week it showed some growth, and as farmers were able to cultivate it crop is looking better than a week ago but will require exceptional weather to make a corn crop this year; need hot, growing weather and late frosts to bring it to maturity; on the whole, conditions are most favorable for all small grain crops, except rye.—The Van Dusen Harrington Co.

## Fortville Plant Burns.

The elevator of the Fortville Mfg. Co., W. D. Springer, Prop., Fortville, Ind., was destroyed by fire on June 18, the accompanying illustration showing the plant a few minutes after the blaze was discovered.

The plant was of 20,000 bus. capacity and its destruction entailed a loss of \$12,000, of which \$5,000 was covered by insurance. Contract for a new building was immediately awarded to the Reliance Construction Co. Capacity will be 10,000 bus., and power will be supplied by electric motor.



Burning of Fortville, Ind., Elevator.



## MISSOURI.

Vandalia, Mo., July 8.—New wheat fine quality; some averaging over 30 bus.—J. C. Gillam.

Clinton, Mo., July 6.—Too much wet weather is delaying cutting of wheat and oats.—Geo. R. Lingle & Sons.

Mexico, Mo., July 8.—Practically all wheat is harvested, and in some localities threshing has begun; yield and quality above expectations; increased acreage in north and east part of state will about overcome damage done by the hessian fly, chinch bug, floods, wet weather, etc., estimate will have 40,000,000 bus. of winter wheat; About 20% of corn acreage planted has been abandoned due to overflow and excessive rains; About 25% is very late and weedy; remainder in good average condition; considering the increased acreage planted this year, we have prospects at present for about 75% of an average crop; this will be improved to some extent with favorable weather; With favorable weather for harvesting Missouri will raise the largest oat crop yet on record.—J. A. Gunnell, sec'y Missouri Grain Dealers Ass'n.

Columbia, Mo., July 3.—With almost record rainfall for month of June practically the entire state, with exception of Southeast section where season has been ideal, is in need of fair and warmer weather; in many parts of state heavy rains and overflows from rivers and other large streams caused great loss to growing crops; with characteristic pluck and energy farmers have seized upon every opportunity to cultivate their fields and to rush harvest work. Every sunshiny day has been taken advantage of; several counties, among them Barton, Knox and Jefferson, report wind and hail storms which resulted in considerable local damage; crop outlook, with favorable weather to follow, is far more promising than that of a year ago; condition of corn on July 1 was 76 for the state as compared with 81 one year ago and 82.5 as the 10-year average; this condition is due to overflows and to lack of cultivation; with ten days or two weeks of favorable weather, which would allow of much needed cultivation, corn can easily show an improvement of 10 to 15 points; in 1910 when the July 1 condition of corn was the same as for the present year, the state made an average yield of 32.4 bushels as compared with the 10-year average of 28.3 bushels; corn condition by sections shows: Northeast, 65; Northwest, 69; Central, 80; Southwest, 75; Southeast, 91; acreage promises to be about 95 per cent as compared with the 1914 crop of 7,421,000 acres; decreased acreage is due to loss by overflow and to the increased acreage in wheat; in Southeast section of State some corn has been "laid by," while in some other sections, especially in the overflowed regions, planting has not been completed; although weather has been cool for corn, the plant is generally of good color; almost two-thirds of wheat crop—61 per cent—has been harvested; by sections, harvesting shows: Northeast, 48; Northwest, 15; Central, 77; Southwest, 76; Southeast, 88; in extreme Southeast portion of the state some wheat

has been threshed; harvesting, as far as it has progressed, has been done with great difficulty, owing to soft fields and to much down wheat; in the southwest part of state some wheat is sprouting in the snook; preliminary estimate for the state wheat yield is 13.2 bushels as compared with a preliminary estimate of 17.1 for the 1914 crop; by sections, this estimate shows: Northeast, 17 bushels; Northwest, 15.5 bushels; Central, 12 bus.; Southwest, 10 bushels; Southeast, 11.4 bus. This would indicate a yield of between 30,000,000 and 35,000,000 bushels for the state. While the original wheat acreage for the present harvest was 7 per cent greater than that of 1914, the probability is that this gain will be offset by the abandoned and overflow acreage; oat crop is fine; condition for the state is 96. By sections, condition shows: Northeast, 98; Northwest, 97; Central, 98; Southwest, 94; Southeast, 93. One year ago condition of oats for the state was 56. Oat harvest is well under way in the Southeast section, where it is estimated that 32 per cent of the crop is in the shock; some harvesting is also reported in the Central and Southwest sections.—Missouri State Board of Agriculture.

## MONTANA.

Roundup, Mont., June 28.—Crops looking fine; acreage large; twice that of last year.—A. P. Ladd Elvtr. Co.

Dillon, Mont., July 5.—Good crop of wheat and oats; crops looking good; oats run from 40 to 45 lbs. per bu.—Fred Ackermann.

Bozeman, Mont., June 30.—Crops doing fine; expect a good crop as last year; harvest will be about the same as usual.—Rob't T. Trask.

## NEBRASKA.

Curtis, Neb., July 8.—Good wheat crop.—G. B. Carr, mgr., The Curtis Mills.

Aurora, Neb., June 25.—Wheat crop looks fine; best for years.—G. A. Peters.

Exeter, Neb., June 23.—Wheat and oat prospects good; corn late and very poor stand.—S. Manning, mgr.

Potter, Neb., June 25.—Splendid outlook for wheat; some hail; no great damage as yet.—E. J. Fowler, mgr. Farmers Grain & Mlg. Co.

Ceresco, Neb., July 2.—Too much rain for ripening wheat; corn 10 days behind time; doing good now.—Al. Lindstrom, agt., Nye Schneider Fowler Co.

Brule, Neb., July 1.—Grain conditions best in years; large acreage of winter wheat and oats; corn very small.—O. P. Kilgore, agt., Trans Miss Grain Co.

Fordyce, Neb., July 3.—Good prospect for the largest oat crop have had for years; harvest about July 20th; corn a little late on account of damp and cool weather.—I. G. Corey, mgr., McCaull-Webster Elvtr. Co.

Ceresco, Neb., July 7.—Wheat crop good; corn late and backwards; 3 weeks behind and fields uneven; but with favorable weather will have a chance for a normal crop.—W. Sheppard, Farmers Union Co-op Assn.

Orleans, Neb., June 25.—Wheat looking fine; hail in few spots cut crop about ½; corn late.—Orleans Equity Exchange.

## NORTH DAKOTA.

Wimbledon, N. D., June 22.—Crop promises to be a record breaker.—R. Clendening & Co.

Lignite, N. D., June 22.—Frost damaged wheat 20%; barley 30%; rye 20%; corn 70%.—Julius Steenson, Farmers Elvtr. Co.

Conway, N. D., July 8.—Prospects throughout the Northwest remains as A1.—E. Nelson, mgr., Lybeck Grain Co.

Driscoll, N. D., July 6.—Prospects best in years for a bumper crop, except corn.—K. A. Ersland, mgr., Equity Grain & Merc. Co.

Glenburn, N. D., June 26.—Corn will not amount to anything; have a large acreage of rye; seems to be damaged some; also some of the flax seed; other grain looking good.—J. J. McLean.

## OHIO.

East Liberty, O., June 28.—Wheat and oats looking good.—Johnston & Harvey.

Springfield, O., July 8.—Winter wheat acreage 110% compared with last year; none plowed up; acreage sown oats 90, corn 90.—The Ansted & Burk Co.

Deshler, O., July 8.—Wheat cutting going on; crop is fine; larger acreage than ever before; prospect for oats is for the largest crop ever raised.—D. C. Robinson, The Robinson Grain Co.

Piqua, O., July 8.—Wheat not yet out; about ½ of corn small and weedy; oats look fine if they can be cut; some talk of rust; will not have normal corn crop as farmers will not be able to get in fields even if rain stops as they will be busy cutting wheat, oats and timothy hay.—C. N. Adlard.

## OKLAHOMA.

Supply, Okla., July 7.—Crop good.—P. B. Loftus.

Hammon, Okla., July 2.—Grain good; damaged some by rain and overflows.—J. D. Hall.

Hobart, Okla., July 7.—Wheat crop largest ever grown.—W. L. Chalfant, Chalfant-Nelson Grain Co.

Isabella, Okla., July 8.—Wheat crop will be fairly good notwithstanding wet weather.—Thomas Mlg. Co.

Billings, Okla., July 6.—Not over 20% of wheat cut on account of rain; wheat badly down and damaged.—L. L. Thorp.

Burbank, Okla., July 3.—About 25% of wheat ruined on account of rain; no wheat cut to date.—W. T. Conklin Grain Co.

Tishomingo, Okla., July 4.—Rains in this county absolutely rotted all small grain and it is still falling.—J. B. Hutchens.

Pond Creek, Okla., July 6.—Farmers claim 50% loss in wheat crop on account of wet weather.—The Pond Creek Grain, Fuel & L. S. Co.

Cleora, Okla., July 7.—Fair weather last 3 days; good many fields of wheat and oats damaged by wet weather.—E. M. Worl, Cleora Grain Co.



The Moisture Testing Room of Toledo's Grain Inspection Department. See Pages 5, 6 and 49.



Holdenville, Okla., June 26.—Wheat and oats acreage increased; wheat and oats both fairly good; grain uncut is badly damaged by too much rain.—Flewellen & Gilbert Grain Co.

Frederick, Okla., June 21.—Threshing starting today; prospects are for a good outturn; we look for the county to average as much as 20 bu. to the acre and it should almost all grade No. 2.—Huffine & Co.

Hominy, Okla., June 29.—Have about 3 times as much acreage than any previous year; crop in fair condition and 75% of the crop has been harvested; oat crop double in acreage and condition excellent; cutting of crop has been retarded by rains.—Oscar K. Peltz, vice pres, Hominy Bank.

## SOUTH DAKOTA.

Lyons, S. D., June 25.—Heavy rains needed; much heat needed.—H. T. McCord, F. M. McCord & Son.

Armour, S. D., June 24.—Prospects for wheat and corn crop never better; rainfall is ample to secure a bumper small grain crop under normal conditions.—James Carlon, Carlon Elvtr. Co.

## TENNESSEE.

Fayetteville, Tenn., July 7.—Wheat crop possibly from 25% to 50% less than last year; the present indicates a bumper corn crop for this section.—Fayetteville Mfg. Co.

Nashville, Tenn., July 5.—The South has raised an enormous crop of oats; every southern state has a large crop of corn; its condition at present is considerably above normal; in most places it is absolutely perfect.—Chas. D. Jones, Chas. D. Jones & Co.

## TEXAS.

Gainesville, Tex., July 3.—Crop badly damaged by water.—H. Schiff.

Farmersville, Tex., July 4.—Grain crop good but being damaged by rain.—Collier & Rike Grain Co.

Pampa, Tex., July 7.—Wheat is not turning out quite as well as was expected two weeks ago; threshing has started.—D. W. Osborne.

Sherman, Tex., July 8.—Prospect for a large corn crop is better than it has been for many years; in fact corn crop is made and there is a big average.—G. B. R. Smith Mfg. Co.

## New Home of Toledo's Produce Exchange.

[Continued from page 6.]

the Exchange will open an extensive seed inspection dept on August 15, in charge of F. Annin, chairman of the seeds com'te. Inspection offices will be fitted up on the 8th floor of the building and an inspector appointed to supervise the actual work of determining the quality of the different seeds. Many of the companies in Toledo handle nothing but seed, and practically all maintain field seed dep'ts.

NO. 2 RED WINTER WHEAT is the principal commodity claiming the attention of Toledo receivers and the Exchange specializes on that kind of wheat. Only No. 2 red winter is deliverable on future contracts; when a miller buys wheat on contract at Toledo he knows exactly what he will receive.

The all rail transportation at present is decidedly favorable towards Toledo, conditions after the passing of the Elkins Amendment to the Interstate Commerce Law were absolutely the reverse. In 1903 the passing of that law prohibited the railroads from rebating to individual shippers. Mr. F. O. Paddock, president of the Exchange, says in regard to the matter:

"Instead of discriminating against firms in the trade by the giving of rebates the railroads began a system of rate making which resulted in discrimination against Toledo in favor of Chicago, Peoria, St. Louis, and other terminal markets. The grain business of Toledo declined from 42,000,000 bushels in 1900 to 11,500,000 bushels in 1909."

Formal complaints were made to the Interstate Commerce Com'n in 1912, and after 2 years of continuous effort on the part of the Exchange, and 2 hearings, the Com'n issued an order readjusting grain rates on a basis practically 78% of the Chicago rates, export and domestic. These rates are in effect at present, but not all shippers are aware of the adjustment nor of the benefits to them should

they take advantage of it. As a result of the new rates Toledo is fast regaining the position it enjoyed before discrimination by the railroads robbed it of a large volume of business, and in January last, the Exchange handled 1,000,000 bushels more of corn than in any corresponding month for the last 10 years. Ex-lake grain from Duluth and Chicago is being advantageously handled for the same reason and that business in some months has shown an increase of 3,000,000 bushels over 1914.

One other tremendous advantage of Toledo as a receiving point is that the present elevators are operated by persons not interested themselves in the commodity they handle.

The new Second National Bank Bldg., in which the Exchange is located, is a 21 story structure of white granite and brick within one block of the old Produce Exchange. A large portion of the ninth floor has been devoted to the Exchange Room, and no money was spared in fitting it for the convenience and comfort of its members and customers.

The floor is of tile set in concrete, and covers 2,500 square feet. Each of the members is provided with a sanitary mahogany desk from which is obtained an unobstructed view of the different black boards. The four Chicago private wire houses represented in Toledo operate wires to the desks of their representatives and both the Western Union and Postal Telegraph Companies occupy spacious quarters, providing numerous wires to outside markets. An abundance of light and air is provided for the entire floor, but especially is this true in the section devoted to the sample tables. This room is just outside of the main Exchange and besides the tables contains the United States Weather Map.

Sec'y Gassoway and his assistants are located adjacent to both the sample tables and the Exchange floor. Chicago continuous quotations are posted, together with other market information. A large space with comfortable arm chairs has been set aside for the use of customers.



Determining Weight and Percentage of Foreign Matter, Toledo's Inspection Department. See Pages 5, 6 and 48.



## Ohio Dealers Meet at Cedar Point

The 36th annual convention of the Ohio Grain Dealers' Ass'n was held at Cedar Point, on the shores of Lake Erie, June 30 and July 1. The meeting was in the nature of a business and social reunion for members and their families, many arriving at the popular resort June 29 and staying thruout the week.

James A. Ryan, postmaster of Sandusky, who has six times welcomed the Ohio grain men to Cedar Point, again did the honors, closing his remarks with an eulogy on the late Harry Grimes.

Charles E. Groce, Circleville, responded.

Reading of the minutes of the last annual and semi-annual meetings was suspended.

Pres. E. C. Eikenberry, Camden, delivered a very interesting paper on the ass'n work during the last year. He said in part:

### Pres. Eikenberry's Address.

The topics that engaged our attention one year ago have been crowded out of consideration by subjects of vast general importance affecting each of us in our relations one with another. Political affairs in Europe have violently accentuated the importance of the traffic in grain and have increased the hazard in operations from which we derive a livelihood.

From an Ass'n standpoint the year has been less eventful than any other in the recent past. Questions of trade importance are held in abeyance. We have enjoyed a partial respite from legislation directly affecting the grain trade. The last session of the general assembly of Ohio was especially free from either proposed or actual legislation concerning our affairs. It is well if recognition has been given the fact that not only the traffic in grain and grain products, but all other lines of business as well, has had sufficient regulation.

The Pure Food Law covers the inspection of a vast range of products, but as we too well know, the tendency is toward the inclusion of additional productions, to many of which the application of the law was not originally intended. It is the tendency to extend the application of the laws already in existence rather than the enactment of new laws that insidiously menaces business. The principle established in the promulgation of the Federal Corn Grades will in time result in the promulgation of grades for other grains. A line of policy once established gathers strength and momentum as it advances and daily becomes more difficult of modification.

**Value of Membership:** This is the purpose for which your state and national ass'ns exist and for which they should receive your support. The question that has repeatedly suggested itself during a year of comparative ass'n inactivity is "Of what benefit is membership in the state ass'n?"

In the past, it has been an efficient instrument, manned and ready for action. The time of rest and freedom from activity is the time for growth, increased power and perfected organization. As the business of the country becomes more complicated and as the tendency is more toward business regulation, the duties devolving on your ass'n will become more difficult and will demand an organization of enhanced efficiency.

The Federal Dep't of Agriculture, through its office of Markets and Rural Organization, has declared its intention to foster co-operative marketing of farm products. Information is to be secured on co-operative systems of marketing, accounting systems are to be devised and the government is to co-operate with the producer to make him also manufacturer and salesman of his product. There is in this movement both in fact and by implication a manifest injustice to a great line of commercial activity and investment as represented by the established grain trade of the country.

The middleman, so called, is as much the ward of the government as is the producer—his place in the commercial scheme as essential and his investment is as sacred. The fundamental injustice involved and the failure to take into account the requirements for the proper exercise of

marketing economically will vitiate the effort.

The possibilities of demoralization of trade in these products are alarming. The producer should be a specialist, so should the factor and the manufacturer. The encouragement of the one to assume the functions of the other two can only result in impairment of efficiency and a declining standard of service. With the paternalistic tendencies of our government may come a consequent impairment of individual character and a discouragement of individual initiative of our people.

Each succeeding legislature is chiefly concerned with the effacement of the enactments of the previous legislature. New laws are scarcely applied until repealed; new com'sns hardly become acquainted with their functions when they cease to exist. Through the imperfection of our party system of government grows the conviction that our states are losing the capacity for efficient and stable self-government. Agricultural activities of the state are in evidence. The state Board of Agriculture, a state Experiment Farm and the College of Agriculture each are practically dependent upon the other. This Ass'n should continue to co-operate with the state in promoting agriculture and crop improvement.

The Crop Improvement Com'lte of the Council of Grain Exchanges should receive the co-operation of our members. Every grain dealer promotes his interest in distributing literature of such agricultural information as he may receive. This and other activities of the grain exchanges of the country are in evidence as to the broad-minded, patriotic spirit permeating their membership. They are giving as they receive and it is gratifying that with a better understanding of their essential functions they find themselves in better favor with the public. Criticism is changing to commendation and the business public is realizing that the essential principles of the Exchanges is honesty and fairness. Occasionally a grain shipper is found who maintains an attitude of suspicion toward the terminal markets. There may be dishonest receivers but they are no more

numerous than are dishonest shippers. The law of survival of the fittest is disposing of both. Conformity to certain ethical business standards stamps a transaction as moral. The quality of the transaction is determined by fact.

The close grading of grain bot from the producer minimizes losses incurred by grain being sold at lower grade than bot. Discounts on account of errors in grading, and shrinkage of grain in handling aggregate more than 50% of the total cost of operating an average country elevator. It is peculiar that we are inclined to figure credits too high and debits too low, but honest consideration of cost will uncover the reason for lack of profit. The cost of operating is not the sole factor in determining profits as of two operators with equal volume of business and expense, one will prosper and the other fail. Good management and waste prevention may amplify margins that would seem too small and which may be held responsible for failure due to poor management and methods.

Fewer elevators are being erected in Ohio than in any recent year. Ohio has her full equipment of grain handling facilities, and building an elevator at a country station at which adequate facilities already exist is economically wrong and can only result in loss. The office of Markets and Rural Organization intimates that a large proportion of the failures of farmers' elevators might be prevented by inculcation of better business methods. This is probably true but a larger percentage might be prevented should this bureau emphasize the fact that a group of farmers cannot controvert certain economic laws on which sound business ventures are based. Loss to some one is absolutely certain to follow the duplication of elevator facilities already adequate to the needs of a community. Such facilities increase the cost of handling the farm products of that community.

Normal business conditions cannot exist during present political conditions. With every great power excepting ourselves in deadly conflict, it is a vain delusion that we are about to return to salutary business conditions. Let us like good mariners, trim our sail and keep close to shore. This is prudence and good judgment. The future holds many a business surprise for us. It is not certain that continued hostilities means continued high prices for grain. So certain are American farmers that the European misfortune means fortune to them that they have mortgaged their future prosperity more heavily than ever before. A world impoverished is unlikely to develop a purchasing power that will enable the farmers to realize their expectations. There is danger of financial depression originating with the producer and permeating all branches of trade. We owe it to ourselves to proceed with caution remembering that the hazard is much greater in every risk than before.

**Membership:** The Ass'n is to be congratulated on a substantial increase in membership during the past year. To Sec'y McCord, in a great measure, the Ass'n owes its progress. Service with him has been an inspiration to me. A mention of his co-operation with the Pres. of the Ass'n would be a false assumption of credit. I consider it a privilege to have been able to co-operate with the Sec'y. The various local Ass'ns are all in accord and there has been splendid harmony throughout the year. I express my keen appreciation of the honor of having served as your Pres. since January, 1912. The service has been at all times a pleasure. The highest reward is the memory of the kindness and courtesy of those with whom I have been associated.

J. W. McCord, sec'y and treas., Columbus, followed with a report on the work of his departments during the year. He said:

### Sec'y McCord's Report.

The year has been attended with varied and intense conditions incident to the wide fluctuations in the price of cereal crops, under the influence of unusual foreign demand. This condition has produced unstable prices and has contributed to the speculative element. A thorough canvass discloses that our dealers have prospered, greatly in excess of an average year.

This result has contributed much to the stability of the business and has stimulated a demand for elevator properties greater than ever before. Changes in ownership have been numerous. A large number of old elevators have been extensively repaired and improved. Our country elevator capacity is fully adequate to all requirements and is worth far in excess of par. Ohio excels all other states in permanence and stability of the business, ade-



John Wickenhiser, Toledo, O.  
Elected President.



quate financial and physical requirements, and facilities for successful operation.

**Membership:** At our last annual meeting we had much discussion concerning the indifference of many regular dealers still outside the fold. During the months of July and August I sent out personal letters to 250 regular dealers, soliciting new memberships and also wrote personal appeals to 50 old members who had allowed their membership to lapse. These first letters were supplemented by follow-up letters.

The effort entailed a great deal of careful and hard work on the part of your sec'y and his office help.

The result from the campaign follows:

- 12 new regular members.
- 57 new affiliated members.
- 1 regular member restored.
- 13 affiliated members restored.

Total 83 added to our membership.

Much of the success in securing members in the northwestern part of the state was due to the helpful influence contributed by Mr. Rice and other loyal members.

Our membership is made up of the "cream" of the trade and its personnel is high grade. We expect to renew the canvass at an early date.

Our membership stands today: 91 regular members; 215 affiliated members; a total of 306. All of these who operate country elevators are affiliated by our ass'n to the Grain Dealers National Ass'n at our expense, affording all rights and privileges of both ass'ns.

We do not need your money as much as we need your moral support. The broad lines of work which have had our active support during the year are matters of uniform B/L; freight transportation; rates; rules; practices; classification; government corn grades; legislation; and the giving power of suspension of freight rates to the Public Utility Commission of Ohio, which authority was given under Senate Bill No. 43, to become a law on July 30th.

## FINANCIAL STATEMENT

for year, June 16, 1914, to June 28, 1915

### RECEIPTS.

June 16, 1914—Balance .....	\$ 16.93
1914½ affiliation dues, \$3.00 each .....	\$583.50
86 regular dues, \$5.00 each .....	430.00
Interest .....	4.95
Sale of paper stock .....	1.00

Total .....

Total, including balance.....\$1,036.38

### DISBURSEMENTS.

Dues to National Ass'n.....	\$254.00
Expressage, fone tolls, telegrams .....	12.65
Sec'y's traveling expenses..	84.26
Postage .....	85.00
Rent of office .....	65.00
Pres. expenses .....	36.98
Printing, etc. ....	61.33
Office help .....	127.00

Sec'y's salary .....

Total disbursements .....

Balance on hand, June 26, 1915.....\$ 10.16

Pres. Eikenberry read the appointment of the following com'tes:

**RESOLUTIONS**—C. E. Groce, Circleville; J. G. Boggs, Circleville; E. T. Custer, Sidney; G. W. Lamb, Hooker, and E. Strittmatter, Portsmouth.

**AUDITING**—A. H. Cratty, Columbus; S. L. Rice, Metamora; J. H. Motz, Brice.

**NOMINATIONS**—J. E. Pafenbach, Bellevue; U. G. Furnas, St. Paris; H. S. Heffner, Circleville; E. O. Tegarden, Duval.

Pres. Eikenberry eulogized the following members claimed by death since the last annual meeting, calling attention to the heavy death toll for the year:

W. C. Lewis, Edgerton.  
Chas. Dewey, Blanchester.  
A. E. Royce, Bowling Green.  
S. B. Sneath, Tiffin.  
J. C. Spurrier, Marysville.  
Sam'l Deckrosh, Custar.  
W. E. Tompkins, Toledo.  
H. S. Grimes, Portsmouth.  
S. W. Strong, Urbana, Ill.

At intervals of 30 minutes Sec'y McCord read market quotations on wheat, corn and oats.

Frank H. Tanner, sec'y Ohio Millers' Ass'n, delivered an address on why the grain dealer should refrain from knocking. He said:

## Be a Booster, Not a Knocker.

Boosters and knockers are found in every organization, whether business or church. Our talk today concerns especially the Ohio Grain Dealers Ass'n. The fact that you have an Ass'n. is evidence of boosters in the grain business. The fact that some of you are charter members of the Ass'n speaks for itself that the booster has faith in its management.

Every member of the Ass'n is not always able to be present at the meetings and must necessarily depend upon those present to do the right thing in his absence. It soon develops whether a mistake has been made, so the booster is careful to suggest only what is for the benefit of all.

Never is a meeting held from which some valuable ideas are not absorbed. Every member should make an effort to be present. A grain dealer who was a member of no Ass'n recently told me he was a self-made man, and had built up a business by

his own efforts. I told him he was getting the benefits of the work of the Ass'n, stealing its money by taking advantage of its efforts without contributing to the support. If it were not for the Ass'n the individual dealer would be in a sorry plight.

Several matters before our state legislature last winter, were defeated, and others adopted, only through the efforts of Ass'ns. One was the law placing in the hands of the Public Utilities Com'n the right to suspend railroad tariffs published by them, raising rates and changing classifications on grain in less than carload lots. This was adopted and is now a law. Another was the defeat of the efforts of the railroads to raise passenger rates from 2c to 2½c per mile. The railroads spent \$15,000 to accomplish this increased rate.

The booster will not attempt to destroy his competitor's business. He has all he can do to boost his own. It never pays to knock other fellows' goods. Say all you can about the good qualities of your own goods and let the other fellow boost his. You cannot succeed on the downfall of your competitor. You are not responsible for the other fellow's bank account. Build up your own. Cultivate your own resources. Live in the present; there are plenty of opportunities right at hand. Work well done will make a good foundation of assets for the future. Do not do business simply to turn a trade, but try to make a profit in a legitimate way on each transaction. Do not pay too much attention to what your competitor is doing or reported to be doing. Give your competitor a square deal. He will respect you for it. Co-operate with him, do not knock him. Do not try to put him out of business. You may succeed in doing the same for both of you. It does not pay.

**Believe in yourself** and in your business. If you do not believe in yourself, how can you expect your competitor or your customer to believe in you. Believe in your business, or get out of it. You cannot succeed in it if you are forever knocking it.

Have faith in your neighbor. He is just as honest as you are; just as anxious to make it a success, and if you will give him half a chance, you will find him warming up to you.

Have faith in your Ass'n. It has carried you successfully through 35 years of effort. It is a grand record. Your Sec'y has done faithful work for you all these years. You can never repay him for what he has done for the grain business in Ohio, and for you as members. Have you asked your neighbor to become one of you? Be a true booster. Let your creed be for the coming year: "I believe in myself; I believe in my Business; I believe in my Neighbor; I believe in my Ass'n; I believe in my State."

"If you want to live in the kind of a town Like the kind of a town you like, You needn't slip your clothes in a grip, And start on a long, long hike. You'll only find what you left behind



Ohio Grain Dealers at Cedar Point Convention.



For there's nothing that's really new.  
It's a knock at yourself when you knock  
at your town  
It isn't your town,—it's you.

"Real towns are not made by men afraid,  
Lest somebody else gets ahead;  
When everyone works, and no one shirks,  
You can raise a town from the dead;  
And if while you make your personal stake,  
Your neighbor can make one, too,  
Your town will be what you want to see,  
It isn't the town,—it's you."

E. M. Crowe, Piqua, one of the younger members of the ass'n, delivered an address on efficiency in the grain trade, from which we take the following:

#### Efficiency—Applied to Grain Sales.

I will not propose new channels for shipping, or try to suggest schemes for obtaining better prices. You are experienced grain men, and I am assuming have many local annoyances. The routine of elevator management, may possibly have placed some of you into a rut; kept you from giving greater thought to details of your business.

Knowledge of a business is a prime essential. Too many of us are satisfied with practical experience gained from daily contact with affairs. Study of books and the trade journals has a bearing on our business as well as a study of our successful competitors.

Our Ass'n has been putting forth efforts to induce farmers to raise more and better grain. Have you given the same study, and attention to the grain which you have handled? Have you prepared it to the best of your ability, or been content with sending out skin grades? Efficient methods would dictate that you prepare the grain you receive so as to make it the highest possible grade.

The higher the grade the better the price, but many will propose objections; one, that an average grade will receive a greater margin than the premium for a higher grade after deducting the cost of preparation.

Another will state he can ship grain just as it is received from the farmer, without the shrinkage from cleaning. But would you be content to accept such shipments if you were the receiver? Many of you are discounted for off grades, with a loss of money as the result. That grain would not have heated or deteriorated had it been conditioned before loading. The men who prepare their grain seldom suffer losses complained of so frequently by the careless shipper.

In order to receive the highest price you must be well disposed to all markets it is possible for you to reach. To keep up with the procession you must be progressive. Keep posted on the innovations that are taking place.

Each market has many prejudiced

against it. You know of dishonest men in your locality; every city and market has shady dealers, but no matter where you go you can find honest grain men.

A knowledge of grades at the different markets is needed. All grades are not uniform. The wording of the rules may be concurred in but the interpretation is not the same.

When shippers receive disappointing inspection certificates exact knowledge is generally lacking. The shipper takes a chance that his grain may get through O. K., and cusses if it fails. Study the grades.

Keep posted on the terminal markets. Oats at Buffalo are handled at  $\frac{3}{4}\%$  commission while Pittsburgh charges 1c. This is not "robbery," it is different conditions. Expenses of operating are different in different localities.

Confidence is the underlying principle of all business. Lack of confidence finds expression in runs on banks, suspension of payments, and panics. Every time a buyer pays your draft he shows his confidence in you, confidence in your grades, confidence in your weights. Display the same confidence in return.

At the request of Pres. Eikenberry, Mr. Tanner explained his rule for purchasing wheat for milling purposes. He presented a table of the various weights of wheat, opposite which was a column giving the discount or premium to be paid for any wheat received. This table was as follows:

Weight.	
63 lbs.....	2 c premium
62 lbs.....	1½c premium
61 lbs.....	1 c premium
60 lbs.....	½c premium
59 lbs.....	basis, or 100%
58½ lbs.....	½c discount
58 lbs.....	1 c discount
57½ lbs.....	1½c discount
57 lbs.....	2½c discount
56½ lbs.....	4½c discount
56 lbs.....	5½c discount
55½ lbs.....	8 c discount
55 lbs.....	9 c discount
54½ lbs.....	13½c discount
54 lbs.....	15 c discount

Following the reading of Mr. Tanner's table the meeting adjourned to reconvene at 2:00 o'clock.

#### Wednesday Afternoon Session.

Charles Quinn, Toledo, Sec'y Grain Dealers National Ass'n, started the proceedings of the second session with an address on the value of both state and national ass'n work. He said:

#### The Nat'l Ass'n.

Sec'ies of Ass'ns, as a rule, have a horror of platitudes; it is hard to keep from repeating, especially when many addresses

are made during a year. But instead of presenting any new ideas on the value of ass'ns I will adhere to the old ass'n platitudes. The wonderful development of the National Ass'n in the last few years is due entirely to the fact that it stuck to first principles, to the solid rock foundation upon which it was built. It has never wasted energies in following false gods. It has a set program of its own and can not afford to scatter its shot. It was organized to correct certain abuses and make certain reforms such as arbitration, trade rules and uniform grades. Some sec'ies believe that every so often they must start something new or their members will think they are not earning their money; but great reforms are achieved by hard and persistent effort.

Many of the reforms which the National Ass'n set about to accomplish have been attained, but other abuses have been introduced so the ass'n must practice constant vigilance. Especially is this true of uniform grades and supervision of inspection. We have worked hard for 10 long years on these two matters. We have promulgated our own grades and they have been adopted by the Exchanges.

Oklahoma is at present the only state not affiliated with the National Ass'n, as since your last meeting the Texas ass'n voted to join the ranks.

On the 4th of March 145 bills affecting the grain trade were to come up for hearing in Washington, but due to the work of your Nat'l Ass'n I am glad to say there is now not one harmful bill on the statute books.

The most interesting part of the Ohio programs has long been the discussions and reports from local ass'ns, and this meeting was no exception.

#### Local Ass'n Reports.

E. T. Custenborder, Sec'y Miami Valley Grain Dealers Ass'n: Our local ass'n is in good working order. We held our regular semi-annual meeting at Dayton June 18 with 75% of the membership in attendance. The sack question is the only one disturbing the peace at present, but we are gradually getting rid of it. Each year we will cut down the number of sacks in use until they are entirely eliminated. Our wheat shows a 30% increased acreage over last year and the crop looked well up until 6 weeks ago. Now some say the volume will be cut in half on account of fly and chinch bugs. Our corn crop will be 90% of normal and the oats were never better. Clover and alfalfa are also in good condition.

T. P. Riddle, Lima, reported for the



More Ohio Grain Dealers at Cedar Point Convention.



Northwestern Ohio Grain & Hay Dealers Ass'n in the absence of H. P. McDonald, Sec'y. Mr. Riddle said:

Fourteen of the 17 counties in our local have reported on wheat, corn, oats and hay. Some have said that the crops are seriously damaged and that oats and hay would not exceed 40 or 50%. But at our last local meeting we learned that the oats acreage is 115% and the quality fully 100%. Corn acreage is 10% over normal with a good stand, the best in 6 years. Wheat acreage is 120%. Never have we had a more uniform quality or better prospects.

T. P. Riddle: Much of the fly this season has been caused by wheat being sown too early. Down in our section we work with the farmer, passing over to him the information we obtain at these meetings and from other sources. Consequently we have no fly and we don't expect to have any in the future. I believe that the corn boys' club in our section helped to promote a better feeling between the farmers and dealers. It is interesting to note that every point where the elevator operators helped the boys' movement there is no talk of a co-operative elevator. Some elevator men say they care nothing about benefiting the farmer; they are too short sighted to see that in entering the movement they are really benefiting themselves.

H. G. Dehring, Curtice: In my section last year a young boy named Miller rented 8 acres of land from which he cleared \$446. As a result the enthusiasm is strong this year and all of the farmers are trying to beat that record.

S. L. Rice: We have been compelled to ship in corn in our section of late years because the farmers would feed it, but as the hoof and mouth disease prevented the handling of cattle last year we handled more corn than we did all kinds of grain the year before.

E. Thierwechter, Oak Harbor: If a man wants to make a success of his business he must satisfy his customers. I was one of the first to try to please my customers by the installation of a grain cleaner, and my competitors laughed. Now they are all cleaning their grain.

We pay the farmer what his grain is worth, generally the top of the market, and find it to our advantage in shipping to have always uniform quality. Our oats crop will be good. Corn is a little short, but the stand is good. We are also blessed with a good crop of wheat.

C. E. Groce: Our wheat crop will not run over 65%, despite a 5% increase in the acreage. The fields look good, but a third of the heads are blasted or smutty.

H. G. Dehring: A certain field of wheat in my section looked very thin this spring and it was a question of whether or not to plow it under and sow a different crop. I asked that the field be dragged, and knowing that it was a failure anyway the farmer dragged it. By that little stirring up he has now the best field in the neighborhood, with his heads half an inch longer than the others.

U. G. Furnas: The prospects for wheat in our territory are very poor, owing to fly. Only 6 weeks ago it looked like a bumper crop, but now the prospects have been cut to 65%. Corn looks a little better, and the oats condition is "a thousand."

E. M. Crowe: It seems we have two different veins in Miami county, and between the two we will have a normal crop. Oats are very fine with an increased acreage and the corn is not quite so bad as has been reported. While not as tall as usual it is very strong.

E. D. Fristoe, Swanders: If it were not for the fly, chinch bug and wind our wheat would be all right. As it is, we have a 50% crop. It has failed very much in the last 6 weeks. Oats were never better, and while corn is a little small it is strong and growing good.

C. S. Wheeler, Dep't of Agriculture, Columbus: We are always glad to work with the grain dealers of Ohio or the farmers. We like to see co-operation between the farmer and yourselves; you work for certain things in certain sections and we are working for the same things in all sections of the state. I have found that whenever we want accurate information on crops or general conditions from any section of the state it can be best obtained from the grain trade.

T. P. Riddle: We have found that the right time to plant wheat is from Sep. 15 to Nov. 30, depending, of course, upon many things. Sometimes the earlier sown wheat is the better.

Sec'y McCord: This ass'n has been asked by the governor's office to help in selecting names for the Agricultural Board of the state. While we are not in politics we might select the names of certain grain men and wide-awake farmers, submitting those names for his approval.

Following an invitation from the Cleveland Chamber of Commerce to hold the next meeting in that city, the convention adjourned, to meet on Thursday at 9:30 o'clock.

## Thursday Morning Session.

T. P. Riddle was slated for an address on Co-operation between Grain Dealers, and between Dealers and Farmers. He had also promised to say a few words on the Tendency of the Government Toward Elimination of the Middleman. The room was filled early, many standing thruout his talk. He said:

## Co-operation.

Prejudice is the most costly experience of citizenship. It is very common in the grain trade. It has robbed us of profit and friends. People not up on a thing, are generally down on it. Farmers burned the first self binder introduced believing that it would do away with labor. Now they are using 100,000 of the machines. Seven years ago at an Ohio convention I advocated government grades and inspection, making myself very unpopular as a result. Now even the National Ass'n is laboring to accomplish government supervision.

We can not be real workers except thru co-operation. The farmer, thru lack of acquaintance with your side of the case, is prejudiced against it. Many of us do not appreciate the farmer's views. Therefore there must be acquaintance. I believe the conventions should be thrown open to the farmers. In Mr. Risser's territory there was a spirit of suspicion which has been entirely eliminated by his bringing into the meetings representative farmers.

They were talking of a farmers' elevator, but that talk has been dropped since the farmers found out what the certain working charges amounted to. They believed that an elevator was an asset, increasing the value of the land, but now they appreciate that the man who has made the investment has not made it entirely for selfish motives, but that he has



Still More Ohio Grain Dealers at Cedar Point Convention.





The Buffalo Delegation Enjoyed the Water Sports.

certain services to perform. The farmers are gradually coming into sympathy with the operator's position.

Any code of rules the grain dealers might adopt would meet with the approval of representative farmers if they understood those rules. The elevator operator should show the farmer that white wheat is sold at a discount, for instance, owing to limited demand, and that the discount would be greater if more of it were raised. I believe white wheat should be discounted heavier in the grain trade, and the logic of it explained to the farmers.

The most effective way to promote acquaintanceship with the farmers is thru the junior contest movement. This is something more than a sentimental proposition. In my section many ridiculed it, some put up \$50 and went no further. Some however, drove into the country and induced the boys to try it out. As a result of this work the boys are getting bigger yields, and a corn which will test, in November, 17 to 19% of moisture whereas the majority of the corn will test 30%. These sample demonstrations have led every farmer in the vicinity to change his variety of seed.

Do not get into the game half-heartedly; we must promote intelligent co-operation between the farmer and dealer. You should be a leader in your community. I do not except the banker or even the county official. You can not spend time or money to better advantage than to advocate a county experiment farm. The counties having these farms in Ohio have increased their yield of corn  $7\frac{1}{2}$  bus. per acre. All that increase, amounting to hundreds of thousands of bushels in each county, would come to you. The welfare of your business depends on the welfare of agriculture.

You may have the best grain in the country, the best of feeling between yourself and the farmers, but if you grain men are not co-operating the advantage is all lost. I know of points in Ohio that are "gold mines," yet the dealers have not made a penny on account of short-sightedness. Frequently a little prejudice makes life miserable. In northwestern Ohio I think our ass'n is on the right track. We get together for conferences, and make them informal. We get the boys together here and there and the rough edges are knocked off. In those little gatherings you can adopt rules suited to all, finding out what is needed. You can fix discounts on certain grains of which too much is grown. Stand pat. Two years ago there were rumors on the part of certain agitators and state employees of the promotion of a co-operative movement. They did not single out points where elevator operators were abusive but tried to poison the minds of farmers with talk of the elimination of the middleman, offering services in that connection.

But it is wrong to agitate for the elimination of the middleman and send out inexperienced men to put the proposition before the farmers. Today the farmers of Ohio are sweating blood as a result of the trouble they stepped into thru these agitators.

The most important matter before us today is in regard to the personnel of the new agricultural board. I have observed that as a rule the farmer who seeks a political job is not the most desirable farmer. We have invested \$50,000,000 in facilities for handling the farmer's crops; we have \$80,000,000 in working capital. Should we not have a voice in saying who shall comprise this board? I think we should see to it that some of the men on the board are broad enough to appreciate a business man's point of view.

The tendency of the government and public sentiment is towards the elimination of the middleman. I formerly thought this was the will of the people, but after study-

ing the question I find it is impractical to eliminate the middleman. We are misrepresented in government; not represented. Before the advent of the National Ass'n peanut politicians would introduce bills, playing to the grandstand, poisoning the minds of farmers back home, for votes. That is now being checked by the National Ass'n, but it is also up to us to watch it. Mr. McCord should have more assistance in that kind of work; we should make a systematic investigation of officials at Columbus.

Pres. Eikenberry: Laws already on the books are harder to modify than the checking of any proposed new laws.

W. Jones, Mt. Sterling: I think the middleman of Ohio promotes the grain business more than any other. Bunching cattle, sheep and hogs for shipment without the middleman has resulted in our territory in the farmers getting "burned." The middleman in our country never made enough money to buy a good dinner. It's the same when the farmers ship in a carload of coal. Bill gets there first and takes the big lumps off the top and leaves the dust for the late comers. The whole movement of trying to get along without the middleman results in all around dissatisfaction. The more intelligent the community the easier it is to stamp out that co-operative stuff.

T. P. Riddle: The governor last year hired a young man to agitate the movement thruout the state, but I argued against it before the board and the man was used in other ways. We must be constantly on guard.

C. W. Palmer, Jewell: The only reason farmers are trying to ship and receive direct is because they have not received what they consider a square deal. The way quotations are printed in the papers is largely responsible for this. I am the manager of a farmers' elevator and have a hard time convincing the stockholders in my own company that we are not taking from 10 to 12c margin

per bushel. They will not even believe their own managers, how do you suppose they will believe the average grain dealer? You and I know the quotations in the papers are those at which grain can be purchased at the markets where quoted, after transportation and every other charge has been made, but the farmer believes he should obtain the same price for the grain at his country station. I believe that unless some of these things are righted the farmers will not only drive the middleman out of business, but also the produce exchanges.

Everyone tried to answer Mr. Palmer at once, but as soon as the merriment subsided A. L. Rice informed the farmer manager that he should explain this question of fixed charges, transportation, elevation and storage to his stockholders. Mr. Rice, to illustrate his point, asked Mr. Palmer how much it cost per bushel to handle grain at the Jewell plant, but Mr. Palmer admitted this had not been figured.

Mr. Palmer: The institute speakers should be asked to explain those things to the farmers, and it should also be taught at the agricultural colleges.

Mr. Jones: But when the stockholders of a man's own company will not believe him, as you have just said, how can you expect them, Mr. Palmer, to believe a rank outsider?

F. C. Cain, Cleveland: We have done business with Ohio dealers for many years, but the amount of money we have in bad accounts is insignificant. What would be our position if we had done this business with the same number of farmers? The farmer is not as broad minded, as intelligent, or as honest as the country elevator man. He is suspicious of everyone he sells to or buys from. I have known them to even try beating the game by filing the bottom of a wagon with sand.

F. Wickenhiser, Toledo: It is useless to try to explain to the farmer because he does not want to understand. He thinks none the less of you for discounting him, but if you do not discount him when he should be discounted he thinks you are foolish.

C. B. Latchow, Defiance: I find the farmers are about as honest as any other class. What we need to do is give them the benefit of our experience and our confidence. They will then come to us as friends.

Mr. Palmer again suggested that the farmer be given in the daily press the actual quotations showing value of his grain in the country instead of at the



Merrymakers at Cedar Point Convention.



terminal elevator, but it was suggested that if this were done the consumers in the terminal markets would have a grouch, wondering what the grain men were doing with all of the difference. It would be like stepping out of the pan into the fire.

Pres. Eikenberry: Have the farmers considered that the terminal markets were their best friends during the war by keeping open the markets, even at loss to the receivers?

Mr. Jones: We offered a premium for the least number of ears to weigh 30 pounds, showing the least moisture. That made necessary a moisture tester and helped establish the moisture test basis. The farmers have now found out the benefits of dry corn with the result that whereas the moisture last year was 24% in new corn this year it will be 17%.

Mr. Dehring: Why not make the use of the moisture tester more general? Now the farmers are growing the great big ears, filled with moisture because they have fewer ears to the basket. They don't care a whoop for us. If we all used a standard tester it would benefit the farmer, the grain dealer and the terminal market.

L. W. Forbell, New York, N. Y., delivered an address on Grain Export, Present Status, Prospects and Perils, most of which appeared on page 808 of the Journal for June 10.

E. B. Hitchcock, sec'y, Illinois Grain Dealers Ass'n, delivered a short address, promising co-operation of the ass'n which he represented.

Report of the resolutions com'te was read by C. E. Groce, chairman, each resolution being adopted as read:

## Resolutions.

### THE GRAIN GRADES ACT

RESOLVED: That we reaffirm our former position in support of the measure known as the Grain Grades Act, or Moss bill, and urge its reintroduction without additions, alterations or amendments at the next session of Congress.

### FOR RELIABLE CROP REPORTS

WHEREAS: The present system of crop reporting by the United States Government is inadequate in that it does not keep the trade fully informed as to the condition of the growing grain, and while we have no criticism to offer of the monthly crop reports issued by the government, we believe these reports do not go far enough and should be supplemented by the issuance of reports or bulletins as often during the month as conditions warrant; under the present system where the government reports but once a month, opportunity is given the so-called private expert crop reporters to scatter broadcast in the interim bullish or bearish news, much of which is unreliable, we believe that the Dep't of Agriculture could, with a comparatively small additional expense, make the present system of much greater value to the trade, therefore be it

RESOLVED: That the Ohio Grain Dealers Ass'n recommend to the federal government that the present crop reporting system be pushed a step further, and that enough competent men be employed to



Fred Mayer, Mrs. McCord, Chas. Breyman, Mrs. Mayer, A. Mennell, Mrs. Breyman and Sec'y J. W. McCord were Present, and Smiling.

cover the territory from the time the crop is seeded in Texas until it is harvested in Minnesota. If this were done the trade in general would have much greater confidence in the reports, which could be made frequently and in localities where sudden changes developed. Such a crop reporting system would have a tendency to prevent wide fluctuation in the market.

The following resolution was read by Mr. Riddle and adopted with those read previously:

### AGRICULTURAL BOARD

WHEREAS, the Ohio grain dealers have \$50,000,000 invested in operating facilities and \$80,000,000 in working capital, and

WHEREAS, the welfare of our business depends on the welfare of agriculture, and

WHEREAS, we desire a sound and progressive administration, be it

RESOLVED: that we, assembled in our 36th annual convention respectfully recommend and petition the appointment as members of the board of agriculture Don Kirwin, George Breecount, C. F. Crawford, C. E. Patterson, Col. C. E. Groce, Willis Jones, D. R. Risser, J. E. Wells, C. M. Eikenberry, J. H. Motz and J. B. Elliott.

The following nominations were made and the officers unanimously elected:

President, John Wickenhiser, Toledo; Vice-pres., H. S. Heffner, Circleville; Sec'y-treas., J. W. McCord, Columbus; Governing Board at Large: Willis Jones, Mt. Sterling; C. M. Eikenberry, Camden, and I. T. Fangbner, Bellevue.

Convention adjourned.

### Convention Notes.

W. F. Parker came over from Detroit, Mich.

W. B. Walker came all the way from Lynchburg, Va.

Clarksburg, W. Va., was represented by J. W. Tracey.

M. Dryfoose, Erie, Pa., enjoyed the mid-week vacation from business.

A. Ferger and E. A. Fitzgerald came up for the lake breezes, from Cincinnati.

Pittsburgh was represented by J. C. Moore; R. W. Young, rep't'g D. G. Stewart; and J. A. A. Geidel.

C. O. Garver of Columbus had charge of registration, representing the Ohio Grain Dealers Mutual Ins. Ass'n.

W. B. Foresman of Lafayette was the only grain dealer present from Indiana.

E. H. Beer, rep't'g Chas. England & Co.; O. M. Gibson and H. E. Wack were present from Baltimore, Md.

J. H. Bowne, rep't'g Keusch & Schwartz Co., and L. W. Forbell, rep't'g L. W. Forbell & Co., were at the convention from New York City.

The College of Agriculture, Ohio State University, sent C. S. Wheeler over from Columbus to get acquainted with the grain dealers of the state.

The Cleveland boys present were H. M. Strauss, rep't'g H. M. Strauss & Co.; F. C. Cain, rep't'g E. I. Bailey; F. W. Blazy; Fred Abel; and W. A. Bennett.

SOUVENIRS—Southworth & Co. distributed pocket combs enclosed in leather cases, and pencils were passed around by Abel Bros. and the Philip Smith Mfg. Co.

J. P. McAlister and son J. Don, drove up from Columbus in a new roadster. Other Columbus men present were A. H. Cratty, Sec'y J. W. McCord, and F. H. Tanner, Sec'y, Ohio Millers Ass'n.

Machinery and supply men present were A. S. Garman, rep't'g Huntley Mfg. Co.; G. H. Baxter, rep't'g Richardson Scale Co.; E. H. Farrell, rep't'g The Philip Smith Mfg. Co.; H. L. Flack; and O. King.

E. B. Hitchcock, Sec'y, Illinois Grain Dealers Ass'n, brot his nephew over from Champaign, Ill., on a combination pleasure and business trip. He used the water route from Toledo to the Point and missed the first day's session as a result.

The Cedar Point Co. provided free dancing on Wednesday evening to everyone wearing an ass'n badge. Partners? Every lady "school marm" in the state was present, the educational and grain ass'ns holding their conventions simultaneously.

Buffalo's interests were ably represented by C. A. Bartow, rep't'g Electric Grain Elvtr. Co.; E. Black, rep't'g W. G. Heathfield & Co.; H. T. Burns; C. C. Lewis; J. G. McKillen; E. E. McConnell; J. J. Rammacher, and F. E. Pond, sec'y, Buffalo Corn Exchange.

A "Chink" has been captured by the company operating the amusements on the Point and his sole purpose in life from now on is to manufacture fireworks of special design. His skill will be vouched for by every grain man witnessing the display on Wednesday evening.

On Tuesday evening a certain delegation chartered the "leap the dips," giving all available ladies a ride. Not that they were charitable or enjoyed the ride themselves, but every time the ladies opened their mouths to laugh and scream the boys watched 'em swallow June flies.



Kent Keilholtz, J. H. Bowne, S. L. Rice, H. R. De Vore, and W. W. Cummings Trying the Canoe.



The Toledo delegation included Fred Mayer and W. W. Cummings, rep't'g J. F. Zahm & Co.; Geo. D. Woodman, rep't'g Rosenbaum Bros.; Kent Keilholtz, rep't'g Southworth & Co.; F. Wickenhiser and C. E. Patterson, rep't'g John Wickenhiser & Co.; Geo. Kreigloe, rep't'g Toledo Field Seed Co.; H. R. De Vore, rep't'g H. W. De Vore & Co.; A. Guitteau, rep't'g W. H. Moorehouse & Co.; A. Mennel; W. E. Stone; and C. C. Quinn, sec'y Grain Dealers National Ass'n.

Among the ladies in attendance at Cedar Point were the Mesdames E. C. and C. M. Eikenberry of Camden with their families; C. C. Quinn, C. Breyman, Fred Mayer and C. E. Patterson of Toledo; H. M. Strauss, F. C. Cain, and Fred Abel of Cleveland; J. W. McCord and A. H. Cratty, Columbus; L. W. Forbell, New York City; R. T. Watson and two children, Old Fort; M. Dreyfoose, Erie, Pa.; J. E. Pfaffenbach, Bellevue; and Miss Annette Groce, Circleville.

Among the Ohio shippers present were: E. H. Artz, Kingsway; J. G. Boggs, Circleville; A. B. Beverstock, Lexington; V. E. Chambers, and E. T. Custerborder, Sidney; E. M. Crowe, Piqua; Rea and A. Chenowith, London; T. E. Cunningham, Tiffin; O. M. Clark, Cable; F. A. and L. M. Denman, Wakeman; Fred Davis, Defiance; H. G. Dehring, Curtice; C. M. and E. C. Eikenberry, Camden; J. B. Elliott, Jewell; E. D. Fristoe, Swanders; N. C. Fridley, Carruthers; U. G. Furnas, St. Paris; E. Z. Fillius, Hudson; C. H. Ginn, Houston; C. E. Groce, Circleville; Roy D. Hall, Defiance; H. S. and W. F. Heffner, Circleville.

W. Jones, Mt. Sterling; G. W. Lamb, Hooker; J. H. Motz, Brice; F. L. McManess, Findlay; F. H. Mylander, Oak Harbor; D. W. Navin, Okolona; J. E. Pfaffenbach, Bellevue; C. W. Palmer, Jewell; C. A. Powers, Genoa; J. H. Parker, Castalia; D. R. Risser, Vaughnsville; S. L. Rice, Metamora; T. P. Riddle, Lima; H. I. Staley, Dawson; W. S. and Wm. Snyder, Kenton; L. Seymour, Kenton; E. Strittmatter, Portsmouth; J. W. Simmons, Pemberton; W. C. Schroeder, Cygnet; E. O. Teegarden, Duval; E. T. Watson, Old Fort; J. C. Wagner, Sidney; C. E. Wagner, Mt. Gilead; C. O. Wise, Bellevue.

THE GRAIN DEALERS JOURNAL is up to date in all dep'ts and I can not see how it could be improved upon.—Frank Strange, Wallace & Strange, Frankfort, Ind.

### Hutchinson Board of Trade at Home.

The Hutchinson Board of Trade royally entertained the Kansas Grain Dealers on June 25-26.

The forenoon of the first day was much enjoyed as everyone became acquainted with the other fellow.

At 2:30 a short meeting was held in the rooms adjoining the trading room of the Board of Trade.

J. R. Baker Pres of the Hutchinson Board of Trade in a few words of welcome made everyone feel that he was entirely "at home."

He continued his remarks by saying "I am glad that Wichita and Kansas City are so well represented. We need your help in making the grain business a better business. We must continually strive to give the farmer the best possible price for his products. We are here for a good time and want all of you to participate."

Jas. Sherman, Sec'y Wichita Board of Trade, "We are glad to be here and hope that the feeling of friendship between Hutchinson and Wichita will continue."

Sam Wallingford, Wichita.—I congratulate you on the growth of your market. Country grain dealers work on too small a margin. They should have 4 to 5 cents and merchandise their grain.

Wm. Murphy of Kansas City thanked the Hutchinson Board of Trade for the hospitality extended to outside markets and told some of his best Swede stories.

Pres. Baker.—I invite all of you to go to the ball park to see a fine game of baseball between the professionals of the Hutchinson and Wichita Boards of Trade. "All those that think they cannot walk will be driven out."

Everybody went to the game at 3 P. M. where pictures were taken of the crowd on the bleachers.

Hutchinson tried to "Watch Wichita Win" but Wichita would not win so Hutchinson had to do it to the tune of 9 to a goose egg.

Players.	
Hutchinson.	Wichita.
Langford, s.s.	Reece, s.s.
Mowrey, 2b.	Blood, 2b.

Brown, 1b.  
Rutledge, p.  
Coughenour, 3b.  
Vandever, cf.  
Noble, 1f.  
Gano, rf.  
Hawk, c.

Rutledge, 1b.  
McCraith, p.  
Brooks, 3b.  
Hacker, cf.  
Simmons, 1f.  
Bedell, rf.  
Wallingford, c.

Floyd Hipple umpired the game. Somebody said that he lived in Hutchinson and that's why "Hutchinson Won."

J. R. Baker pitched the first ball. He did not find the plate until it came time to eat at the banquet.

Wm. Murphy did not catch the first ball. He is a speedy "Swede" and a good receiver when at home.

Jake Baker came home with the "long green" and his usual happy smile.

Some people tried to stop the yelping of a dog but Dave always hid.

The players wore Kansas Flour Mills caps.

At 7 P. M. a banquet was served at the Oxford Cafe. Music and singing was participated in by those in attendance and everybody said "The chicken was fine."

After the banquet transportation was furnished for the crowd to go to Riverside Park.

A Stock Company furnished a pleasant evening's entertainment which was closed by a boxing match between local talent.

Saturday morning was spent in recuperating and visiting.

At 1:15 P. M. the crowd went for an automobile inspection of the wheat crop.

A good deal of moisture was found on the trip and crop estimates of from 8 to 40 bushels were reported.

Some of the dealers were not satisfied with the first inspection and asked for a reinspection of the crop at 8 P. M.

The reinspection was granted and the grade raised to the highest quality attainable.

### CONVENTION NOTES.

The Wichita delegates numbered 29.

Oh, Winnfried why did you call No. 118?

Kansas City sent a delegation numbering 33.



Back Row, Left to Right: John Hayes, J. E. Miller, Geo. Gano, F. D. Larabee, L. H. Pettit, F. E. Hipple, Sr., C. G. Hopkins, L. B. Young and E. E. Shirecliffe.  
Middle Row, Left to Right: R. O. Yates, Floyd Hipple, Harry Talcott, Sec'y; J. R. Baker, Pres.; Eugene Hipple, Treas.; Geo. Noll, and Paul Gano.  
Front Row, Left to Right: C. D. Jennings, G. C. Hipple, W. A. Mowrey, Paul Noble and Ralph Russell.





Some of the Dealers Who Helped to Celebrate the Hutchinson Board of Trade's First "At Home."

The only Ill. dealer present was John Coldwater, mgr., Elwood Grain Co., Elwood, Ill.

Sam Wallingford of Wichita slipped, waded and drove to the meeting in his automobile.

The Hon. Jas. Sherman attended the convention and was accompanied by his favorite umbrella.

**SOUVENIRS:** Pencils were distributed by Mackie Clemens Coal Co. and Murphy Grain Co. Butterflies by Southwestern Coal. Gano Grain Co. had a distinct novelty in the way of souvenirs. A folding leather drinking cup, paper lined, all enclosed in a substantial leather case was presented to each visitor. Red badges were worn by everyone.

Among supply men present were M. R. Stauffer, rptg. Richardson Scale Co., Wichita, and J. C. Power, Kansas City.

The WICHITA delegation included E. G. and Ted Beall, Beall Grain Co.; H. A. Braunage; D. R. Brooks, G. D. Estes and O. C. Hess, Bruce Bros. Grain Co.; K. F. Dazey; E. A. Falk and W. S. Gibbons; W. Hastings, Kemper Grain Co.; P. J. Mullin, W. E. McCraith, H. G. Reer and F. M. Sieg, Kansas Flour Mills; A. F. Baker, Kansas Milling Co.; Henry Bird and E. Kelley, Edward Kelley Grain Co.; W. C. Miller; W. F. McCullough, McCullough Grain Co., and I. H. Blood, Norris Grain Co. J. A. Roth and R. R. Roth, Roth Grain Co.; J. H. Sherman; J. E. Sturgis; W. H. Smith; Clark Burd, F. J. Kramer and Sam Wallingford, Wallingford Bros.; W. T. Whitney; D. L. Williams; O. E. Bedell, Williamson Grain Co.; J. A. Woodside and Paul Phillips, Woodside-Smith Grain Co.

KANSAS CITY sent the following: Frank Barrett, Barrett Grain Co.; A. E. Miller, B. C. Christopher Grain Co.;

D. L. Croysdale, Croysdale Grain Co.; Wm. Dilts; J. F. Marion, Ernst Davis Grain Co.; F. L. Ferguson; G. S. Carkener and W. C. Van Horn, Goffe & Carkener; W. B. Lathrop; Allen Logan and J. C. Vickers, Logan Bros. Grain Co.; and Chas. Avery, Lonsdale Grain Co.; J. F. McElvain; W. J. Mensendieck, Mensendieck Grain Co.; Wm. Murphy; E. A. Sullivan, Morrison Grain Co.; I. Updike, W. S. Nicholson Grain Co.; H. B. Ragan; E. E. Roahen and A. L. Ayres, E. E. Roahen Grain Co.; E. R. Van Buren, Russell Grain Co.; R. Y. Smith, Smith Bros. Grain Co.; Fred Godfrey and E. Emmons, Simonds-Shields Grain Co.; E. R. Stripp; E. A. Twidale and S. J. Owens, Twidale-Wright Grain Co.; C. H. Manning, Terminal Elvtrs.; L. A. Fuller, Thresher-Fuller Grain Co.; Chief Insp. J. C. Waser; S. H. Stahosky, Watkins Grain Co., and D. F. McGavney, Wilson Grain Co. Dealers present were R. L. Albertson, Sylvia; J. W. Anderson, Partridge; S. Andres, Holyrood; R. J. Bacon, Neola; E. C. Beauchamp, Ford, and J. R. Bolin, Liberal. H. B. Brennenman, Galva; W. H. Brown, Dillwyn; T. R. Carruthers, Hudson; J. E. Clark, Larned; Fred Cooper, Garfield; G. R. Cooper, St. John, and Roy Cunningham, Larned.

L. Deck, Abbyville; A. E. Dickhut, Turon; C. W. Duff, Hudson; C. H. Dunlap; Jetmore; H. N. Durant, Ray; J. B. English, Cimmaron; J. T. Fletcher, Preston; L. H. French, Pawnee Rock; E. F. Gates and R. C. Gates, Seward. A. R. Hacker, St. John; W. W. Hamilton, Nickerson; A. E. Harman, Neola; A. Harris, Winfield; J. N. Hinshaw, L. N. Hinshaw and N. H. Hinshaw, Plevna; Ed. Huckstep, Larned; J. E. Hughes, Culver; G. H. Immer, Hudson; A. H. Ling, Jetmore, and J. A. Lyons, Langdon.

F. C. Maxwell, Partridge; Chas. McCable, Lyons; A. McCartney, Penaloza; H. C. Morton, Wellsford; R. Northrup, Offerle; F. Osman, Partridge; A. J. Plush, Meade; E. V. Plush, Penaloza, and W. S. Plush, Prather.

Ira Rankin, Kinsley; D. J. Razlaff, Inman; D. Richter, Holyrood; J. Riddinge,

Halstead; M. P. Shaak, Sterling; E. R. Smith, Joy; W. F. Sperry, Ellsworth; J. Stephens, Larned; J. C. Van Vleet, Galva; R. M. Todd, Halstead; P. S. White, Larned; J. H. Wolf, Lewis; C. N. Woodell, Nickerson, and G. M. Woodson, Penaloza.

## Hay Crop Will Sell Low.

The hay crop will be about the same as last year, but distributed ever so much more evenly. The fact is that every hay producing territory tributary to the St. Louis market has either a fair or good crop of hay, even the South has begun raising alfalfa and will buy lightly, and while in some sections hay has been damaged by the rains or is weedy, it will all do to feed and save shipping in. Therefore we believe we will see hay selling lower the coming year than we have seen it for several years, and especially the clover mixed.

There is a probability, however, of a good exporting demand, and should there be it will help, but it will not be sufficient in our opinion to advance prices materially, so start your prices low and keep them low. High grade timothy and high grade prairie will be scarce and no money will be lost on either. Prairie and alfalfa are hard to estimate. Alfalfa all over the country has been badly damaged by rains. The crop is very heavy and while the first and part of the second cutting has been damaged, the third and fourth cutting will supply the demand. Alfalfa is being grown now in several Southern states, and Illinois has a big acreage. The outlet will be limited and it should sell low. Prairie has suffered from too much rain and even if harvested in good shape, will be coarse and weedy. Choice prairie will be scarce again and be in good demand all year, but the medium and lower grades will again be hard to place.

One of the heaviest crops of clover will be harvested this year that has been harvested in years. A great deal has been damaged by the rains, but a big portion will be saved and will sell low all year. —Toberman, Mackey & Co.



Kansas City's Large Delegation to the Hutchinson Meet Kept in Action Every Minute.



## Grain Carriers

CARRIERS entering Philadelphia have lifted the embargo on export grain at that port and boats are now loading freely.

THE CHICAGO Great Western Railroad Co. settled 64% of the claims presented during 1914 within 15 days; and settled 93% of the claims presented during the year.

STEAMER CAPTAIN THOMAS WILSON left Milwaukee June 26 with the largest cargo of grain ever sent from that port. It contained 162,750 bus. of oats and 130,169 bus. of corn for Buffalo.

ON JULY 14 Examiner Thurtell will take testimony at Chicago in the application of railroads to reduce rates on wheat, and cornmeal to California terminals without making corresponding changes at intermediate points.—P.

THE WESTERN ADVANCE rate case will come up for hearing on Sep. 20 before the Interstate Commerce Com'n at the La Salle Hotel, Chicago, and will continue until Oct. 2. If not completed then the hearing will be resumed Oct. 4.

COMPLAINT has been made by the Freight Adjustment Com'te, Charleston, S. C., against the grain rates from Cincinnati, Louisville, Evansville, Cairo, St. Louis, Memphis, Nashville and Virginia Points to Charleston, S. C., and Wilmington, N. C.—P.

NEBRASKA RAILWAY Com'n has lost its suit against the U. P. Ry., alleging that grain rates into Omaha were out of line as compared with the rates into St. Joseph and Kansas City. The suit was dismissed by the Interstate Commerce Com'n on June 30.

GRAIN RATES from Minnesota points to Duluth, Minn., and Superior, Wis., have been complained of to the Interstate Commerce Com'n by 100 northwestern elevator companies. The railroads mentioned are the Great Northern, C. M. & St. P., and the Northern Pacific.

INTERSTATE COMMERCE Com'n has suspended to Jan. 16 the new switching charges of \$3 per car on grain switched from elevators in Manitowoc and Manistique, Mich., for forwarding to eastern points, as proposed by the Ann Arbor and Pere Marquette railroads.—P.

INTERSTATE COMMERCE Com'n has suspended from June 25 to Oct. 23 the tariff of the C. C. C. & St. L. Ry., providing for increases on rates on grain from points in Illinois to Peoria and Pekin, Ill., via interstate routes, the increases ranging from 1.10c to 1.9c per 100 lbs.

The complaint by the Chicago Board of Trade against the C. & E. I. R. R. Co. is supplementary to complaints filed with the Interstate Commerce Commission a short time ago asking for restoration by other lines of the old rule governing demurrage charges after reinspection.

TRANSPORTATION DEP'T, Chicago Board of Trade, in Bul. 348, dated July 1, states that malt skimmings for domestic consumption will be carried at grain rates in official classification territory and if for export, at corn rates, minimum weight in both instances being 40,000 lbs. Barley chaff and clipped oat by-products, 35,000 lbs. minimum, will take the grain rates and screenings consisting of offal and wild seed, with a minimum of 40,000 lbs. will be carried for grain rates.

THE B. & O., S. W., and other carriers have been ordered by the Interstate Commerce Com'n to cease charging before Sep. 1 higher interstate rates on grain and grain products from Interior Missouri points to St. Louis than the intrastate rates contemporaneously charged for the same service.

INTERSTATE COMMERCE Com'n in deciding the complaint of the Nebraska State Railway Com'n vs. the U. P. R. held that the rates on wheat and corn from stations in Nebraska to St. Joseph and Kansas City, Mo., and Leavenworth, Kan., are not unreasonable, and the complaint was dismissed.—P.

ODD LOTS OF GRAIN cargoes are being offered on the Great Lakes as a result of the shortage of ocean going vessels. A cargo of flaxseed on June 26 was loaded at Buffalo for a St. Paul company; and at Port Colborne, which has direct connection with ocean transportation, a cargo of wheat was recently loaded for Buffalo at 1c.

DURING 1914, 4,504,315 freight claims were presented to railroads reporting on claims to the Interstate Commerce Commission; 3,231,230 were for loss and damage and 1,273,085 for overcharge. Of the total number presented 89% were adjusted during the 12 month period while the 11% were carried over into 1915.—J. W. Newell, auditor, Freight Accounts Dept., C. B. & Q. Ry.

FARMERS' ORGANIZATIONS represented at the hearing of the western rate advance case, now before the Interstate Commerce Com'n at Washington, have \$8,000,000 of resources to back them in a systematic fight against the railroads. A. J. Norton, representing the A. T. & S. F. Ry., contended at the hearing on June 25 that grain rates in Washington territory were below the level of similar rates in the east.

INTERSTATE COMMERCE Com'n has found that the transportation advantage of reshipping rates applied from St. Louis to Mississippi Valley on grain and mixed feed is no longer undue in its effect upon Memphis grain dealers; but the relief granted in extending the territory from which Memphis dealers may draw grain under the transit arrangement appears incomplete with respect to southwestern producing territory.

AT THE HEARING of the Interstate Commerce Com'n, held July 7 at Philadelphia, Pa., testimony was introduced to show that the small grain dealers of the east would be driven out of business if the \$2 tariff was sustained imposed by the Pa. and N. Y. C. Rys. on carloads of grain shipped from the west to holding points where it would be diverted. Railroads claim the expense of telegraphing notice of arrival of cars switching and bookkeeping made the \$2 diversion charge necessary.

INTERSTATE COMMERCE Com'n has ordered every carrier subject to the provisions of the act to regulate commerce, to require its agent or other representative at every station, warehouse or office at which tariffs are required to be posted upon receipt of a tariff or supplement to a tariff for filing and posting at that station, to immediately write or stamp upon the title page of such publication the date upon which it was received by such agent or other representative, and to keep and preserve a separate record, by I. C. C. numbers and supplement numbers, of the receipt of each tariff or supplement to a tariff, showing the date received and the date posted.

STEAMER COLUSA, en route from Portland, Ore., to Australia, is said to have been chartered at a rate making her earning capacity for the round trip \$2,000 per day, or a profit for the round trip of over \$240,000. The steamer has just completed a voyage netting her owners over \$150,000. The cost of the vessel was \$600,000 and it is believed that profits from her operation this year will more than repay the owners. This is at least one instance where ship subsidy seems unnecessary.

THE LAWFULLY ESTABLISHED interstate rate has been found by the Interstate Commerce Com'n to apply on shipments first billed to an intermediate point within the state of origin and then rebilled to the intended destination in an adjoining state. This plan, the Com'n rules, has been devised for the sole purpose of getting the traffic thru to the interstate destination at the rates applicable to and from the intermediate point, the sum of which was materially less than the thru rate for the thru service.

UPON THE SUSPENSION of a schedule or deferred use of a rate, fare, charge, classification, regulation or practice the rate, fare or charge thereby continued in effect shall not be increased, and the classification, regulation or practice stated therein shall not be changed, by any subsequent schedule, until the suspension proceeding has been disposed of or the period of suspension, and of any extension thereof, has expired, unless such change is specifically authorized by special order of the Com'n.—G. B. McGinty, Sec'y, Interstate Commerce Com'n.

THE STAMP TAX required on Bs/L covering shipments of grain is covered by the A. T. & S. F. Ry. in tariff No. 2,264-B, Sup. 3, which says: If a shipment as a whole is diverted in transit to a new destination on or off the line of the carrier first accepting the shipment, no new B/L or additional stamp is required, unless the carrier's tariffs require the issuance of a new B/L; a stamp is only required when a new document is issued. Where an original B/L is issued covering a shipment and subsequently one or more Bs/L are issued in lieu thereof, covering the same quantity of freight and providing for additional consignees, the original or first B/L only requires the government stamp.

FINAL ARGUMENTS in the western freight rate controversy began June 22 before the Interstate Commerce Com'n at Chicago. The annual revenue which the 5% stake would add to the coffers of the 64 western carriers amounts to \$10,000,000, and payment of this amount is being bitterly contested by 300,000 western grain dealers, live stock breeders, and manufacturers. Clifford Thorne, opposing the proposed increase for 16 western states, has filed briefs with the Com'n flatly denying that railroad revenues have declined to a point where the roads can no longer make a profit on their investment at existing rates. Mr. Thorne believes that increases should not be granted for the benefit of the weaker roads when not needed by the stronger. The grain business, it is shown, furnishes the carriers with a profit much in excess of that from other commodities.

AN IMMENSE ARCH of wheat is one of the attractions planned for the International Wheat Show to be held at Wichita in October. The principal streets of the city will be made to resemble harvest fields, shocks of the grain being placed on the thoroughfares for several blocks.



## War Affecting the Grain Trade.

THE BARK THISTLEBANK with a cargo of corn for Queenstown from Argentina, was torpedoed by a German submarine off Fastnet, Ireland on July 1.

THE GERMAN GOVERNMENT has declared void all contracts relating to the sale of the new crops, prospects for which are said to be favorable, and yields large.

GOVERNMENT OF AUSTRIA on August 15 will sequester the country's new harvest as well as the old stocks of grain. The present system of bread tickets and similar measures will be retained.

THE NORWEGIAN STEAMER Cambuskenneth was sunk June 30 by the German submarine U-39. Thirteen members of the crew were landed and 8 other sailors, being German subjects, were taken aboard the submarine.

BRITISH PRIZE COURT at Blithe, England, has released the American steamship Portland, owned by the Globe Grain & Mfg. Co., Los Angeles, Cal. The vessel was en route to Sweden when captured by the British warship.

STEAMER LOMAS, bound from Argentina for Belfast with a cargo of corn was torpedoed by a German submarine on June 30, and both vessel and cargo were totally destroyed. The vessel was built in 1898 at West Hartlepool and was of 3,048 tons capacity.

LANDOWNERS AND FARMERS of Ravenna, Italy, recently adopted resolutions to the effect that 10% of the future crops will be placed by wheat growers at the disposal of municipal authorities at cost price in order to form a stock for distribution among the people during the year. Other Italian provinces are expected to follow the example of Ravenna.



Marshall Bruce, Kansas City, Mo.



O. C. Hess, Wichita, Kan.

THE NEW CEREAL CROPS of Hungary will be sequestered by the government and a war grain monopoly established under the ministry of commerce. The monopoly will have a capital stock of \$4,000,000 and will regulate the entire grain trade, including the export and army supplies. Farmers will be permitted to reserve a supply for local feeding equal to 40 pounds per head of stock per month, and private consumers will be permitted 22 pounds.

THE BURO of War Risk Insurance, owing to exceptional hazards, will in future consider only the following ports when issuing insurance, reserving the right to decline risks to any of these ports at any time: all United Kingdom ports; all ports on the Continent of Europe other than Spanish or Portuguese; all ports of Asia Minor; all African ports in the Mediterranean Sea; and all colonial possessions of Germany and Turkey. Application for insurance to these ports must contain full particulars of the proposed voyage, including name of consignee and description of cargo, as well as the amount of insurance.

AN INCREASED DEMAND for grain cleaning machinery is noted thruout Russia, especially by the new grain elevators constructed for the state bank in southeastern sections. As much elevator machinery was ordered in Germany before the outbreak of war, and cannot now be delivered, Russian factories are working to capacity in an effort to supply the demand. Many companies which previous to the war did not build grain cleaning machinery, have added that business as a side line. For this reason the 30 proposed elevators will be placed in operation later than was anticipated. Small country elevators however, are not seriously affected, requiring simpler machinery and belonging mostly to small co-operative companies or credit societies.

## New Firm at Kansas City.

An office has been opened at Kansas City under the name of Bruce Bros. Grain Co. by Frank D. Bruce and Marshall C. Bruce, who have been engaged in the grain business at Wichita, Kan.

For 14 years Frank Bruce was engaged in the grain and milling business at Dearborn, Mo. In 1908 he joined the E. E. Roehen Grain Co. at Kansas City and when the Wichita office of that company was established in 1913 he became manager there. This partnership was liquidated in April, 1915, and the new firm of Bruce Bros. Grain Co. formed. The business at Wichita will be continued with D. R. Brooks in charge of the office.

Frank Bruce will have charge of the Kansas City office.

Marshall C. Bruce, who has been traveling for the firm, will continue in that capacity.

O. C. Hess has become associated with the new firm in a similar capacity. The new firm's traveling representative in western Kansas is G. D. Estes, pres. of the Kansas Farmers Grain Dealers Ass'n and the Stafford Grain & Supply Co. Portraits of the members of the new firm and of Mr. Hess are given in the engravings.

LIBEL was filed on July 2, 1914 by the United States Attorney for the eastern district of South Carolina for the seizure and condemnation of 180 sacks of oats remaining unsold at Columbia, S. C., alleging that the product was misbranded and adulterated. Product was in possession of the Palmetto Distributing Co., and has been released on bond.



F. D. Bruce, Kansas City, Mo.



# Grain Trade News

## ARKANSAS

Little Rock, Ark.—The Neola Elvtr. Co., of Chicago, Ill., has opened a branch office in this city.

Little Rock, Ark.—The Hayes-Thomas Grain Co. has taken over the business of the William E. Overstreet Grain Co. The feed store will be operated under the name of the Rose City Grain Co.

Paragould, Ark.—P. E. House, mgr. of the House & Meiser Mfg. Co., will organize a stock company, capitalized at \$50,000, to build a mill here. An elvtr. and storage room will be erected in connection.

## CALIFORNIA

Fresno, Cal.—The Valley Grain & Warehouse Co. will be dissolved.

## CANADA

Carlstadt, Alta.—The Weist Grain Co. is building a 30,000-bu. elvtr.

Manor, Sask.—Hogg & Lytle, of Toronto, Ont., will build a 30,000-bu. elvtr.

Montreal, Que.—The Ogilvie Grain Co., Ltd., has been incorporated with a capital stock of \$50,000.

Moose Jaw, Sask.—The Moose Jaw Grain Exchange will commence operations and receive quotations in the Board of Trade Bldg. in about 3 weeks.

Winnipeg, Man.—W. R. Campbell, grain broker and member of the Grain Exchange, was presented with a cabinet of silver on his recent wedding day.

Morrin, Alta.—We will build an elvtr. with a capacity of 45,000 bus.—E. J. Fream, sec'y-treas. Alberta Farmers Co-operative Elvtr. Co., Ltd., Calgary.

Lavoy, Alta.—We will build 35,000-bu. elvtrs. here and at Vermilion on the C. N. Ry.—E. J. Fream, sec'y-treas. Alberta Farmers Co-operative Elvtr. Co., Ltd., Calgary.

Winnipeg, Man.—Grain men have requested that the railroad companies be required to give grain going into a public internal elvtr. the privilege of two milling in transit stop-overs.

Aldersyde, Alta.—The Alberta Farmers Co-operative Elvtr. Co., Ltd., of Calgary, will build 35,000-bu. elvtrs. at Lomond, Enchant and this station on the C. P. Ry.—E. J. Fream, sec'y-treas.

Vancouver, B. C.—A. R. Macdonald, who has been ass't mgr. in the main office here of the Vancouver Mfg. & Grain Co. for the past 9 years, is now managing the company's plant at Calgary.

New Norway, Alta.—We will build elvtrs. with a capacity of 35,000 bus. at this station and Huxley on the G. T. Ry.—E. J. Fream, sec'y-treas. Alberta Farmers Co-operative Elvtr. Co., Ltd., Calgary.

Sedgwick, Alta.—We are building 35,000-bu. elvtrs. on the C. P. Ry. to replace the houses burned last winter here and at Travers.—E. J. Fream, sec'y-treas. Alberta Farmers Co-operative Elvtr. Co., Ltd., Calgary.

New Westminster, B. C.—Plans have been completed and bids are now being received by the Brackman-Ker Mfg. Co. for the erection of a 50,000-bu. elvtr. consisting of 16 bins with a 3-story mill in connection.

Ottawa, Ont.—William Scott, of Wm. Scott & Co., died June 25. He was one of the oldest men in the grain business, having been with the McKay Mfg. Co. for many years before going in business on his own account.

## COLORADO

Otis, Colo.—The Shannon Grain Co., of Kansas City, Mo., is building a 10,000-bu. addition to its elvtr. G. H. Birchard has the contract.

Denver, Colo.—Farmers Elvtr. Co. incorporated; capital stock, \$50,000; incorporators, James E. Jacobs, C. Scoville and F. M. Farmer.

Yuma, Colo.—The Shannon Grain Co., of Kansas City, Mo., is building a 15,000-bu. addition and remodeling its elvtr. G. H. Birchard has the contract.

Otis, Colo.—The Farmers Elvtr. Co. has let contract for a modern steel clad elvtr. Work will be started at once by the White Star Co. which has the contract.

Limon, Colo.—The Limon Equity Exchange is building a storehouse for various purposes. We expect to erect a similar building and not an elvtr. at present.—Russell Gates Mercantile Co.

Hyde, Colo.—The Shannon Grain Co., of Kansas City, Mo., is building a 10,000-bu. elvtr. Equipment includes an 8-h.p. Fairbanks Engine and a 1,000-bu. Richardson Automatic Scale. G. H. Birchard has the contract.

Lamar, Colo.—The new 100,000-bu. reinforced concrete elvtr. of the Lamar Mfg. & Elvtr. Co. is being erected by the Burrell Engineering & Construction Co. which has the contract. The mill will be thoroughly overhauled.

Vona, Colo.—Stinson & Stramp will build a 15,000-bu. studded elvtr., covered with galvanized iron, with concrete basement. Equipment will consist of a 12-h.p. Fairbanks Engine, Barnard & Leas Cleaner and Bowsher Feed Grinder. G. H. Birchard has the contract.

St. Vrain sta. (Vrains p. o.), Colo.—The Farmers Mfg. & Elvtr. Co. is building a 15,000-bu. elvtr. of Perfection Metal Tanks. It will have a concrete office and engine room. Equipment includes a Success Steel Manlift, steel elvtr. leg, and spouting, an 8-h.p. Fairbanks Engine, Wagon Scale and Automatic Scale. G. H. Birchard has the contract.

## DISTRICT OF COLUMBIA

Washington, D. C.—W. S. Hoge & Bro. will install a grinder and separator in their elvtr.

## IDAHO

Malad, Ida.—We are completing a cribbed elvtr. at this station.—Inland Grain Co., Ogden, Utah.

Pocatello, Ida.—The Pocatello Mfg. & Elvtr. Co. has been incorporated with a capital stock of \$50,000.

Idaho Falls, Ida.—Work is progressing on the annex which the Idaho Falls Mfg. & Elvtr. Co. is building to its elvtr.

Weiser, Ida.—The Union Warehouse Co. has been incorporated with a capital stock of \$1,000 to operate elvtrs. and warehouses.

Lewiston, Ida.—Five men, who were looting grain cars last winter, were all found guilty, and are now serving time in the penitentiary.—Lewiston Mfg. Co.

Way, Ida.—We have an elvtr. under construction, which will have a capacity of 30,000 to 35,000 bus.—E. W. Smith, W. O. Kay Elvtr. Co., Salt Lake City, Utah.

Quigley sta. (American Falls p. o.), Ida.—A. Claassen, of American Falls, has bot our 20,000-bu. warehouse on the O. S. L. Ry.—Standard Grain Co., American Falls.

Twin Falls, Ida.—We are building 30,000-bu. concrete elvtrs. at Berger, Amsterdam, Murtaugh and Marshfield.—L. L. Breckenridge, mgr. Twin Falls Mfg. & Elvtr. Co.

Kimberly, Ida.—We will open a grain and seed warehouse next month under the names of the Idaho Seed & Produce Co., Vegeler Seed & Produce Co., Salt Lake City, Utah.

Winchester, Ida.—R. H. Y. Moser has leased the warehouse of the Craig Mountain Lumber Co. and will operate under the name of the Winchester Grain & Warehouse Co.—Nezperce-Rochdale Co., Nezperce.

American Falls, Ida.—A. Claassen is now buying grain for the W. O. Kay Mercantile Co. on commission. He has succeeded Claassen-Newfeldt Co. and operates a 50,000-bu. warehouse. Kerr, Gifford & Co. and the Tyler Feed Co. are not operating here now.—Standard Grain Co.

## ILLINOIS

Graymont, Ill.—The Rogers Grain Co. will close its elvtr.

Wilmington, Ill.—John B. Warner has bot the elvtr. of William Godel.

Sherrard, Ill.—I have sold out and do not handle grain.—C. A. Samuelson.

Cortland, Ill.—I will install a grain blower and car loader in my elvtr.—O. L. Colton.

Ridgway, Ill.—The Farmers Elvtr. Co. has increased its capital stock to \$35,000.

Bement, Ill.—A. L. Wilkinson & Co. has purchased an 18-h.p. Lauson Stationary Engine.

Vermillion, Ill.—Rudy & Co. have wrecked their old elvtr. and are building another house to replace it.

Luther sta. (Mason City p. o.), Ill.—The Luther Elvtr. Co. has purchased an 18-h.p. Lauson Stationary Engine.

Industry, Ill.—We have enlarged our elvtr. and installed a feed mill and larger engine.—Sullivan & Jewison.

La Rose, Ill.—F. N. Rood, of the defunct La Rose Grain Co., has removed from Iowa City, Ia., to Manchester, Okla.

Lee Center, Ill.—A. F. Jeanblanc has completed his new elvtr. which has been under construction for some time.

Morrison, Ill.—The new 17,000-bu. reinforced concrete elvtr. of Renkes Bros. just completed has been painted white.

Chillicothe, Ill.—The Turner-Hudnut Co. lost its elvtr. by fire, believed to be of incendiary origin. Loss about \$20,000.

Strawns Crossing (Jacksonville p. o.), Ill.—The Strawns Crossing Farmers Elvtr. Co. will install a Boss Air Blast Car Loader.

Peoria, Ill.—A. Harwood, mgr. of the office of Carhart-Code-Harwood Co., is using crutches as the result of a sprained ankle.

Viola, Ill.—We will buy the elvtr. here or build a new house. John G. Zern is sec'y and treas.—Farmers Elvtr. & Supply Co.

Springfield, Ill.—The E. B. Conover Grain Co. incorporated; capital stock, \$40,000; incorporators, E. B. Conover, John McHenry and others.

Rochelle, Ill.—E. L. Ledbetter, formerly ass't mgr. of the Armour Grain Co.'s branch office, has succeeded C. J. Chronister as mgr.

Love sta. (Tampico p. o.) Ill.—M. G. Love has built an elvtr. and placed K. F. Nelson in charge. A gasoline engine has been installed.

Esmond, Ill.—C. J. White, formerly mgr. of the Farmers Square Deal Grain Co. at Saratoga, is now mgr. of the Farmers Elvtr. Co. here.

Hartsburg, Ill.—L. J. Nall, mgr. of the Hartsburg Grain, Coal & Lumber Co., was injured recently when a number of fence posts fell on him.

Granite City, Ill.—The plant of the Corn Products Refining Co., which has been closed since April, was reopened June 28 with 800 employees.

Symerton, Ill.—The Symerton Farmers Grain Co. incorporated; capital stock, \$10,000; incorporators, James Doyle, James L. Quigley and others.



Teheran, Ill.—McFadden & Co. are repairing their elvtr. at this station.

Springfield, Ill.—The Farmers Grain Dealers Ass'n of this district held a meeting here June 26 with about 110 grain dealers in attendance.

Pontiac, Ill.—I have taken charge of the elvtr. on the I. C. R. R. for J. A. McCreery & Sons, of Mason City.—W. T. Hamilton, formerly of Winchester.

Cambridge, Ill.—B. O. Fischer has sold his interest in the elvtr. of Wm. Ringle & Co. to William and Clair Ringle, as his health is no longer good.

Jacksonville, Ill.—Eugene T. Leonard, formerly with Smith-Hippen Co., is now in the employ of Rumsey & Co., of Chicago, with headquarters here.

Decatur, Ill.—John Hebel, a wealthy grain broker, formerly of this city, shot himself recently in Los Angeles, Cal., while despondent over ill health.

Cutmer sta. (Iroquois p. o.) Ill.—E. C. Sumner has let contract for 12,000-bu. additional oats storage room to the Burrell Engineering & Construction Co.

East St. Louis, Ill.—The Security Elvtr., now operated by the recently incorporated Security Elvtr. Co., has been classified as regular by the St. Louis Merchants Exchange.

Cuba, Ill.—John Owens, who has been leasing the elvtr. of George Scott, which burned Apr. 24, has secured a lease on the elvtr. which was operated by Miles Smith last year.

Oswego, Ill.—The recently organized Farmers Elvtr. Co. plans to build an elvtr. on the C. B. & Q. this summer. The company will handle grain, coal, feed, salt and other essentials.

Holmes Crossing (Delavan p. o.), Ill.—The new 25,000-bu. elvtr. now under construction for the Farmers Elvtr. Co., of Delavan, will be completed to handle the wheat and oats crops.

Arcola, Ill.—We have taken over the Vandalia Elvtr. formerly operated by the National Elvtr. Co. and will continue to operate it in connection with our plant on the I. C. here.—J. M. Ernst.

Ocoya sta. (Pontiac p. o.), Ill.—We have added lumber, building material, cement and fencing to our grain business. We have enjoyed a good business.—A. F. Conrad, mgr. Farmers Elvtr. Co.

Ellsworth, Ill.—I was negotiating with Wm. Richardson for the sale of my elvtr. but the deal did not go thru and I am still operating it. There are no changes in elvtrs. here.—Tobey Bane.

De Kalb, Ill.—C. J. Chronister, mgr. of the branch office of the Armour Grain Co., of Chicago, at Rochelle, for the past 2 years, has accepted a similar position with Lamson Bros., of Chicago, here.

McLean, Ill.—The old elvtr. of Darnall & Spence has been razed. The excavation for the new house is almost completed. Much of the lumber of the old structure will be used in the new building.

Gays, Ill.—Morris, Stone & Co., of Mattoon, have bot the elvtr., coal, tile, feed and hay business of A. W. Treat. The new company will continue the grain and hay business only.—Munson Bros., Windsor.

Morrison, Ill.—We are now building a new mill room and store room, 56x60 ft., in which will be installed a 2-pair high roller mill and a 24 in. attrition mill. This will be of brick with concrete floors.—Renkes Bros.

Dana, Ill.—The firm of C. G. Sauer & Son was dissolved July 1, the senior member retiring after 38 years in the grain business here. We will conduct the business hereafter, operating the only elvtr. at this place.—Sauer Bros.

Elliott, Ill.—I have started to rebuild my elvtr. burned May 15. The house will be studded and will be 28x30x40 ft. with an 18 ft. cupola. The coal sheds are 14x44 ft. and the corn crib, 30x60 ft. with air space.—J. S. Cameron.

Decatur, Ill.—O. H. Cannon, formerly in the grain business, has sold his interest in the Exchange Bank and will take a position with a grain firm at Kansas City, Mo.

Mahomet, Ill.—We have just completed the remodeling of our elvtr. The bins have been relined and the driveway lowered and covered with galvanized iron. The house is now in first class condition.—F. E. Davis, mgr. Mahomet Grain Co.

Champaign, Ill.—The following have applied for membership in the Illinois Grain Dealers Ass'n: Hofstetter-Carlis Lumber & Grain Co. and Charles W. Savage & Son, Virginia; Vermont Mills Co., Vermont; Ross Bros., Philadelphia, and J. B. Snedeker, Astoria.—E. B. Hitchcock, sec'y.

Kewanee, Ill.—I was required to move my elvtr. by June 30 to make room for a new depot for the C. B. & Q. The material from the elvtr. was sold on the ground and the warehouse and mill were removed to a farm at the outskirts of the town. I have opened a store as temporary quarters.—C. A. Wylie.

Byron, Ill.—The recently organized Farmers Grain Co. will build a 20,000-bu. fire-proof elvtr. on the site furnished by the Great Western Ry. The building will be round, 40 ft. high and 32 ft. in diameter and will contain 8 grain bins. It will be built of tile and cement with a galvanized iron roof. A building for the office and engine room will be built of the same materials. Plans are being made and contract will be let soon.

Leroy, Ill.—In the case of J. Y. Chisholm, trustee, against the First National Bank of Leroy the supreme court has reversed the findings of the circuit court and appellate courts. This case was the outgrowth of transactions between the bank and the owner of the Clark Grain & Elvtr. Co. The latter bought the elvtr. from Mr. Crumbaugh November, 1910. He had an account at the bank which was overdrawn and Mr. Taylor who was cashier of the bank was instrumental in selling the property back to Mr. Crumbaugh, April, 1911, and thru this deal got the money that was due the bank. The suit was brot to recover the amount held out on the ground that the bank had no right to withhold the sum. This was the verdict of the circuit court and also in the appellate court but the supreme court has now reversed this decision. The elvtr. has since been sold to W. A. Welton.

## CHICAGO NOTES.

William O. Pringle is seriously ill and hope for his recovery has been abandoned.

The Board of Trade Club held its annual picnic July 1 at The House That Jack Built.

G. S. Mann is building a 10,000-bu. elvtr. here. It will have an extra 10,000-bus. capacity for sacked grain in a warehouse.

William E. White has accepted a position with Noyes & Jackson and will devote his attention to their speculative business.

CHICAGO CALLERS: Theo. W. Martin, of Smith & Martin, Atlanta, Ga., J. J. Overmeyer, Kouts, Ind. and Chas. Ray, Graymont, Ill.

The rate of interest for July as fixed by the finance com'te of the Board of Trade under the provisions of Section 15 of Rule 22 is 5% per annum.

Thomas W. Carter, Jr., formerly of St. Louis, Mo., has recently been admitted to membership in the Board of Trade and will engage in business here.

The proposed construction of a large elvtr. by the C. & N. W. Ry. Co., and Armour Grain Co. on the Calumet River, has been indefinitely postponed.

July 1 is said to be the first time in the history of the Board of Trade that there was no delivery of grain on contract on the first day of the delivery month.

Wm. B. Wilson, a wheat trader, has been suspended for three years by the directors of the Board of Trade for alleged irregular trades in the pit in violation of the rules of the Exchange, by acting both as principal and agent.

Cereals stored on the 4th floor under the roof of the building occupied by the Buhl-Hemig Cereal Co. became heated July 6 which caused ignition of the grain dust, resulting in a blaze. Two girls were rescued and 9 men were forced to flee for their lives.

Edward H. Brown, for many years a member of the Board of Trade, died July 6 at Panama City, Fla., aged 60 years. About 2 years ago he sold his membership to go into business in the south. He had been a trader for L. Everingham and later for Sidney Love & Co.

Joseph Weil, member of the Board of Trade and pres. of the Joseph Weil Co., was arrested July 7, charged with larceny as ballee on complaint of Dr. Martin O. Heckard, mentioned as "chief of the bureau of vital statistics." Weil was released under \$2,500 bonds to appear July 8. Dr. Heckard said the case involved \$3,000.

Logan & Bryan have announced the retirement from the firm of John G. Lonsdale and the admission of Benjamin B. Bryan, Jr., son of the senior partner. Bryan, Jr., has been connected with it for the last 3 years. The members of the firm now are Benjamin B. Bryan, Stuart Logan, H. H. Logan, F. C. Hollinger and Benjamin B. Bryan, Jr.

Joseph Harrie Hogan, Herman Stoltze, Fred W. Haines and Austin J. Feuchtwanger have applied for membership in the Board of Trade. R. W. Darcy, A. A. Meyer and Thos. W. Carter, Jr., have been admitted to membership and the memberships of Alfred R. Urion, Jr., James B. Watt, John S. Simpson and the estate of Ernest G. Brown have been posted for transfer. Memberships are quoted at \$2,900 net to buyer.

The following resolution was adopted by the directors of the Board of Trade June 22: Whereas, a definite time is fixed by the rule of the Board after which all trading for the day shall cease; therefore, to comply with this rule all orders to be executed, in accordance with instructions "at the close of the market," are accepted by the commission merchant or broker with the distinct understanding on the part of the principal, that the commission merchant or broker shall in the exercise of his judgment to be determined by the volume of the order to be filled and the condition of the market, allow sufficient time prior to the close to properly and fully complete such transactions at the time the closing signal is given.

## INDIANA

Shirley, Ind.—I have sold my elvtr. to Edwin Kirkpatrick.—J. W. Young, Frankfort.

Sullivan, Ind.—W. McClintic has sold his interest in the Sullivan Mill & Elvtr. Co. to J. H. Wright and B. F. McCoy.

Earl Park, Ind.—Wilson & Barr have let contract for a concrete elvtr. to the Burrell Engineering & Construction Co.

Brevoort, Ind.—The Baker Elvtr. & Mill Co., of St. Francisville, Ill., operating an elvtr. here, has announced that it will do business in Indiana.

Linden, Ind.—We are erecting a feed building which will be operated in connection with our elvtr.—Crabbs-Reynolds-Taylor Co., Crawfordsville.

Evansville, Ind.—The Evansville Mill & Elvtr. Co. incorporated; capital stock, \$10,000; incorporators, C. A. Erskine, A. J. Houghton and W. W. Algire.

Frankfort, Ind.—J. E. Heffner has taken over the track buying business of M. B. Pratt, who died Apr. 30. The business has been operated as Pratt & Co.

Stone sta. (Winchester p. o.), Ind.—We will operate the elvtr. of Cox & Stafford at this station, having bot Mr. Cox's interest.—Stafford Grain Co., Cincinnati, O.

Muncie, Ind.—The Woodbury-Elliott Grain Co. is brightening up its line of elvtrs. by painting them Big Four Yellow.—R. J. Careins, agt at Matthews.



South Bend, Ind.—W. J. East, of Buchanan, is now mgr. of the elvtr. which the Pears-East Grain Co. recently took over from the South Bend Grain Co.

Walnut Corner sta. (Portland p. o.), Ind.—Work is progressing on our 15,000-bu. elvtr. which will be completed for the new crop.—Stafford Grain Co., Cincinnati, O.

Shipsheana, Ind.—We have succeeded Wolfe Bros., W. F. Wolfe having traded his interest to Frank Bevington for his elvtr. at Athens, Mich.—Wolfe & Bevington.

Evansville, Ind.—Forty grain dealers, members of the Southwestern Indiana Grain Dealers Ass'n met here June 25 and discussed prospects and views of wheat conditions.

New Carlisle, Ind.—We contemplate installing a grain tester in our elvtr. which we took over from the Pears-East Grain Co. recently.—M. L. Brummitt, mgr. Farmers Grain Co.

Walnut Corner sta. (Portland p. o.), Ind.—Since I disposed of my elvtr. last year to R. J. Stafford, of Cincinnati, O., I have not been in the grain business.—Logan Hinshaw, Winchester.

Clarks Hill, Ind.—The new modern 18,000-bu. elvtr. which has been under construction for the past few months for J. W. Witt has been completed by the Reliance Construction Co.

Grandview, Ind.—We are building a 40x100 ft. warehouse and are putting in 2 steel storage tanks, 10 ft. in diameter and 28 ft. high. These will be used for shelled corn.—Cadick Mfg. Co.

Rockport, Ind.—We have just completed a 40x60 ft. warehouse and expect to build another large warehouse or storage tanks in the near future, but have not made definite plans.—Cadick Mfg. Co., Grandview.

Fairmount, Ind.—Farmers Grain Co. incorporated; capital stock, \$8,000; Lin Wilson, W. W. Jones and others. The company is talking of building an elvtr.—R. J. Careins, agt. Woodbury-Elliott Grain Co., Matthews.

Howe, Ind.—The large grain elvtr., owned by the Grand Rapids & Indiana Ry. and operated by Sweitzer & Wolfe, burned June 26 when a car of gasoline on the railroad track was set on fire in a collision with a freight train. Loss, \$15,000.

Washington, Ind.—The Millers & Grain Dealers Ass'n has been organized by the grain buyers and millers of Daviess, Martin and Pike counties for the purpose of meeting and discussing business conditions. Dr. T. F. Spink of this city is pres. and Charles A. Kidwell, sec'y. A meeting will be held here July 22.

Gas City, Ind.—We are building a 22,000-bu. elvtr. on the Penna. R. R. Equipment includes 5 motors, two 10-h.p., one 5-h.p. and two 1½-h.p.; Western Sheller; Invinible Cleaner; and a 1,500-bu. Richardson Automatic Scale. A room will be built at the north end to grind mill feed. Walter J. Lowe is mgr.—Gas City Elvtr. Co.

Hamlet, Ind.—The large elvtr. of the Farmers United Grain & Elvtr. Co. was completely destroyed by a fire June 23 which started from an unknown cause in the top of the building. The loss is about \$13,000, with insurance at \$7,500. The present crop will be handled with dumps and after harvest an up-to-date elvtr. will be built.—J. S. McCormick, mgr.

Fortville, Ind.—The loss on the elvtr. of W. D. Springer, which burned June 18, was \$10,000, with \$5,500 insurance. The debris has been cleared away and an office constructed where Mr. Springer will take care of the wheat and oats during the coming harvest. Temporary buildings will be erected in which to handle the grain. The ground has been staked off for a modern elvtr. and feed mill, 62x32x75 ft., which he hopes to have in operation within 90 days. The Reliance Construction Co. has the contract for the new house which will have a capacity of 10,000 bus. Equipment includes a Fairbanks Morse Gasoline Engine, automatic scales, etc. Electric power will be used.

Logansport, Ind.—A movement to build an elvtr. has been started by A. L. Jones.

## IOWA

Aplington, Ia.—H. Dreyer, Jr., is painting his elvtr.

Thurman, Ia.—C. & J. Pierce are building an elvtr.

East Peru, Ia.—J. S. Hylton has completed his new elvtr.

Turin, Ia.—Anton Hansen is now mgr. of the Farmers Elvtr. Co.

Marion, Ia.—C. N. Bates, of Osage, has purchased an elvtr. here.

Anthony, Ia.—John Twitchell is now mgr. of the elvtr. of Michael Burke.

Ringsted, Ia.—Fred Petersen is now mgr. of the Farmers Elvtr. Co.

Williamsburg, Ia.—The office of the Jackson Grain Co. has been painted.

Washington, Ia.—W. A. Whiting has purchased a 35-h.p. Lauson Engine.

Oakland, Ia.—E. E. Wentz has his new elvtr. completed and in operation.

Boonville, Ia.—Taylor & Patton Co. has installed a new engine in its elvtr.

Bode, Ia.—The Gilchrist Elvtr. Co. has covered its elvtr. with steel siding.

Thor, Ia.—The Farmers Elvtr. Co. contemplates the erection of an elvtr.

Des Moines, Ia.—The Norris Grain Co. is no longer represented at this point.

Osage, Ia.—Work is progressing on the new elvtr. of the Farmers Elvtr. Co.

Lake Park, Ia.—The Farmers Exchange is building a warehouse near its elvtr.

Galbraith, Ia.—The Kunz Grain Co. is adding a cement approach to its elvtr.

Bedford, Ia.—A. A. Leet is making some alterations and improvements in his elvtr.

Mapleton, Ia.—Steps have been taken to organize a farmers co-operative elvtr. company.

Clearfield, Ia.—Repairs on the elvtr. of the Clearfield Elvtr. Co. have been completed.

Clarkson sta. (Carlisle p. o.), Ia.—Taylor & Patton Co. has repaired its elvtr. at this station.

Glendon, Ia.—The elvtr. which George Barker has under construction is almost completed.

Seymour, Ia.—The Wilson & Ware Grain Co. is improving its elvtr. and building a new dump.

Maxwell, Ia.—The Neola Elvtr. Co. is installing a 10-h.p. Fairbanks-Morse Electric Motor in its elvtr.

Early, Ia.—Will Drury has bot the elvtr. of the Western Elvtr. Co. and will take possession Aug. 1.

Waverly, Ia.—Colburn Bros. are remodeling their recently acquired elvtr. and building coal bins.

Toetersville, Ia.—H. D. Mundt is remodeling his elvtr. and installing a set of Challenge Dump Irons.

Luther, Ia.—The Farmers Grain Co. is installing a new electric motor to replace the old gasoline engine.

Taintor, Ia.—Improvements are being made and the elvtr. of the Taintor Elvtr. Co. is being enlarged.

Fostoria, Ia.—The elvtrs. of the Farmers Elvtr. Co. and the Hunting Elvtr. Co. have been painted red.

Des Moines, Ia.—The local office of Logan & Bryan in charge of A. M. Cronenberg, has been closed.

Russell, Ia.—McKleeven & Eikenberry have purchased a sheller and cleaner from the Union Iron Works.

Derby, Ia.—G. J. Stewart & Co. will install a sheller and cleaner purchased from the Union Iron Works.

Storm Lake, Ia.—Lawrence Foell will succeed H. E. Barrick Aug. 1 as mgr. of the Farmers Elvtr. Co.

Badger, Ia.—The Farmers Elvtr. Co. is remodeling its elvtrs. and installing 2 sets of Challenge Dump Irons.

Princeton, Ia.—The Merchants Elvtr. Co. succeeded Edward Peitscher. Edward W. Runyan is now in charge.

Hanlontown, Ia.—J. M. Knutson will resign as mgr. of the Farmers Elvtr. Co. and engage in the mercantile business.

Waukon, Ia.—The large addition to the elvtr. of F. H. Nagel is under roof and will be completed in a short time.

Marion, Ia.—C. H. O'Neill will be mgr. of the elvtr. of the Farmers Co-operative Grain & Stock Co. when completed.

Maple River, Ia.—Ben Pille has purchased the elvtr. of F. A. Hermesen, but will not take possession until Jan. 1.

Fort Dodge, Ia.—A meeting of the 8th district of the Farmers Grain Dealers Ass'n of Iowa was held in this city June 29.

Inwood, Ia.—An unsuccessful attempt was made to break into the safe in the office of the elvtr. of A. D. Erickson.

Cedar Rapids, Ia.—S. W. Wilder, of the King-Wilder Grain Co., has returned from a vacation automobile trip to Wisconsin.

Meriden, Ia.—The recently incorporated Farmers Co-operative Elvtr. Co. has been incorporated with a capital stock of \$20,000.

Rock Valley, Ia.—Hans Moeller has been elected vice-pres. and John Harmelink, treas., of the Farmers Co-operative Elvtr. Co.

Everly, Ia.—The Hunting Elvtr. Co. has almost completed its new elvtr. which replaces the house recently razed.—F. W. Roberts.

Garrison, Ia.—I am now mgr. of the Garrison Grain & Lumber Co.—Charles W. Forbes, formerly agt. Neola Elvtr. Co., Leaf River, Ill.

Bondurant, Ia.—The S. E. Squires Grain Co. has completed a 25,000-bu. elvtr. The Union Iron Works furnished the machinery equipment.

Strahan, Ia.—The recently incorporated Farmers Elvtr. Co. has secured a site for its elvtr. and the Wabash soon will build another switch.

Seymour, Ia.—Work is progressing on the elvtr. of Milton Liggett. The old warehouse has been torn down and will be rebuilt adjoining the elvtr.

Redding, Ia.—Work on the new elvtr. of the Mount Ayr Elvtr. Co., which has been delayed on account of wet weather, is progressing rapidly.

Davenport, Ia.—The Merchants Elvtr. Co. has overhauled its track scales and substituted a steel and concrete frame for the old wood frame.

Napier sta. (Kelley p. o.), Ia.—The Farmers Co-operative Elvtr. Co. has completed its 22,000-bu. elvtr. The Temple-Williams Co. has the contract.

Mason City, Ia.—A district meeting of the farmers elvtr. companies will be held July 13. A meeting was held at Ft. Dodge, June 29 and at Algona July 8.

Des Moines, Ia.—The Farmers Grain Dealers Ass'n of Iowa will hold a meeting in this city July 13. All elvtr. mgrs. in this section are requested to be present.

Schaller, Ia.—We have taken out our dump scales and installed 6-ton outside scales, put in a new dump and raised the driveway 18-in.—Schaller Produce Co.

Kalona, Ia.—Brooke & O'Laughlin have been dissolved, L. W. Brooke selling his interest to his partner, William O'Laughlin, who will continue to operate the elvtr.

Gravity, Ia.—I have bot Mr. Robinson's interest in the elvtr. of Blakslee & Robinson and have built a 12,000-bu. elvtr. with up-to-date equipment.—L. G. Blakslee.

Rowley, Ia.—Clark & Werner, of Central City, have purchased the elvtr. of Miller & Hayden. Mr. Clark is managing the house, as Mr. Werner is postmaster at Central City.

Paton, Ia.—The Clark Brown Grain Co. is remodeling its elvtr. The new equipment includes a Western Sheller and Cleaner and a Fairbanks Engine and Automatic Scale.



Union, Ia.—H. C. Moore will be mgr. and H. J. Moore, ass't mgr., of the Union Grain Co. for the coming year.

Whitten, Ia.—We have succeeded A. J. Mabie here and will operate this elvtr. in connection with our recently acquired house at Gilbert. A. J. Mabie will be mgr.—A. J. Mabie & Sons.

Griswold, Ia.—J. M. Balcom and Harry Read have purchased the north elvtr. of W. B. Wormley. Mr. Balcom, who has been in the grain business before, will operate the elvtr.

Magill sta. (Tennant p. o.), Ia.—The Magill Elvtr. Co. incorporated; capital stock, \$10,000; incorporators, John Kern, Henry Wiseman and others. The company's new elvtr. was opened recently.

Sioux City, Ia.—The American Pop Corn Co. has installed a Barnard & Leas Combined Sheller and Cleaner and a complete elevating and conveying system furnished by the American Supply Co.

Carnes, Ia.—The remodeling of the elvtr. of the Farmers Co-operative Co. is almost completed. It has moved the 2 elvtrs. it bot last year and built an addition between them, making an up-to-date elvtr.

Eddyville, Ia.—Lames & Hoose, operating an elvtr. with two other business men, have rented a room for the benefit of the farmers and others who come to town after office hours and want to make a business deal.

Athelstan, Ia.—The Shannon Grain Co., of Kansas City, Mo., is building a 15,000-bu. elvtr. Equipment includes an 8-h.p. Fairbanks Engine and a 1,000-bu. Richardson Automatic Scale. G. H. Birchard has the contract.

Davenport, Ia.—A. R. Petersen, formerly of Quinn-Shepardson & Co., of Minneapolis, Minn., has accepted a position with the Merchants Elvtr. Co. as traffic mgr. He will devote part of his time to traveling for the Davenport office.

Glidden, Ia.—The equipment for the 25,000-bu. addition which A. Moorhouse is building to his elvtr., includes a 2,000-bu. Richardson Automatic Scale, a No. 33 Western Gyrating Cleaner and electric motors. The oil plant is also being remodeled.

Brighton, Ia.—R. E. Lundin and T. B. Hoover have bot a part interest in the Brighton Elvtr. and it will now be operated as the Brighton Mill & Elvtr. Co. Will Bristow and Perry Van Winkle will remain in charge of the elvtr. A new mill will be built.

Davenport, Ia.—The Griffin Grain Co. has been incorporated with a capital stock of \$15,000. C. E. Griffith is pres., F. C. Blodgett, vice-pres., and James De Vean, Jr., sec'y-treas. The company has been in business since February, 1914, and owns Elvtr. B here.

Mount Ayr, Ia.—The Mount Ayr Elvtr. Co., a branch of the Iowa-Missouri Grain Co., of Lamoni, is negotiating for the purchase of the elvtr. of E. E. Hayes. The erection of a new elvtr. for the company has been suspended on account of the objections of adjacent property owners.

Davenport, Ia.—Abe Rothschild, who has been representing the Minneapolis office of the Merchants Elvtr. Co., with headquarters at Sioux Falls, S. D., has been transferred to this city and will travel in Iowa as buyer and also sell grain to go east.—W. F. Holliday, mgr. Merchants Elvtr. Co.

Lone Rock, Ia.—We are installing a new boot, leg, distributor, belt with 6x12 cups, rope drive, automatic weighing out scale, manlift and steel spouting. We are also building a new 24x24 ft. feed house with cement floor and walls. The Newell Construction Co. is doing the work.—Lone Rock Exchange Co.

Tama, Ia.—The Farmers Co-operative Co. has let contract for a 20,000-bu. cribbed elvtr. to replace its elvtr. which burned. Equipment includes an electric motor, Fairbanks-Morse Wagon Scale, sheller, cleaner and a Richardson Automatic Scale. The Burrell Engineering & Construction Co. has the contract.

Gilbert, Ia.—A. J. Mabie & Sons have succeeded S. J. Slocum and will operate the elvtr. here and at Whitten. I will be mgr. at this point.—G. D. Mabie, A. J. Mabie & Sons.

Charter Oak, Ia.—The loss on our ice house, hay shed with 2 cars of hay, corn crib with about 1,400 bus. of corn, and part of our coal shed, which burned June 12, was about \$2,600, with no insurance. The ice house and coal shed have been rebuilt and the corn crib and hay shed will be built soon.—J. J. Hansen, mgr. Farmers Grain Co.

Conway, Ia.—The cement foundation and floors of the new 11,000-bu. elvtr. of the Cooper Grain Co. have been laid and work on the building will be pushed forward rapidly so as to be ready to handle this year's crop. The house will be 30x44 ft. and 30 ft. to the eaves. A gasoline engine will be installed. The Union Iron Works is furnishing the conveying and elevating machinery.

Atlantic, Ia.—A. A. Mickel sustained a loss of \$13,000, with insurance of \$6,000, when his frame elvtr. and the adjacent building burned June 28. The G. H. Bunton Grain Co. occupied the elvtr. and had its office across the driveway. It had about \$600 worth of barley and oats in bins, which was fully covered by insurance. The fire is thot to have been of incendiary origin. Mr. Bunton had an elvtr. at Walnut destroyed by fire 10 days previous.

Wall Lake, Ia.—The elvtr. at this point owned by C. M. Herrig and operated under lease by Wm. Clausen will be overhauled. The cupola will be raised 20 ft., a large belt and cups with 1,500 bus. capacity per hour, man lift, Richardson Automatic Scales, Van Ness signaling Distributor, new loading spout, electric dynamo will be installed and other needed repairs made. The work will be done by the R. M. Van Ness Construction Co.—Wm. Clausen.

Walnut, Ia.—The west elvtr., owned by G. H. Bunton, of Atlantic, burned June 18. The elvtr. had not been used for several months. The house only contained about 200 bus. of grain, as Mr. Bunton, who also owns the east elvtr., was using that house only. The dust rooms contained considerable dust and rubbish and it is thot that the heavy rains of the previous 2 weeks dampened the contents and caused them to heat. The house was valued at \$5,000 with insurance at \$3,350. The company states it will rebuild a modern 20,000-bu. elvtr.

Graettinger, Ia.—A bad accident occurred in the elvtr. of the Farmers Elvtr. Co. when the manlift in which Miss Mae Boyle was riding, fell from the top of the elvtr., a distance of 80 ft. A number of young ladies were taking rides and had been successful when Miss Boyle got in and started the manlift by pressing the lever. She then released it, thinking it would not go so fast, but it did not work, and as a result shot to the top of the elvtr. with terrific speed. As it struck the top, the force broke the cable and the manlift came down with as much force as it had gone up. In attempting to save herself, Miss Boyle grabbed the small rope, burning her hands thru to the bones in some places. Her back and feet are also bruised, but she will recover.

New Sharon, Ia.—Fire June 29 completely destroyed the 75,000-bu. elvtr. of Neill & Momyer, containing about a carload each of corn, oats, rye and barley, 2 carloads of feed and a large quantity of seeds, with a loss of over \$20,000. The cause is unknown, but it is thot to have started inside the building. The flames were first seen in the elvtr. annex at the west end. The office, containing the papers, books and accounts of the firm, which is a block away, was saved. Loss on the grain about \$6,000, nearly all covered by insurance. They are now building a 35,000-bu. cribbed iron clad elvtr. with roof of 4 ply Johns-Manville Asbestos Roofing. Equipment includes a Western Sheller and Cleaner and a Hess Grain Conditioner. It will be operated by electricity. The Temple-Williams Co. has the contract. In the meantime temporary store room has been secured.

## KANSAS

Haven, Kan.—I am mgr. of the Farmers Grain Co.—C. W. Astle.

Doniphan, Kan.—C. P. Carrigan has sold his elvtr. to Mr. League.

Liberal, Kan.—The Equity Exchange is building a 20,000-bu. elvtr.

Republic, Kan.—C. E. Wyman has bot the elvtr. of J. W. Pinney.

Dunlap, Kan.—J. W. Parrish & Son have sold out their grain business.

Vliets, Kan.—An elvtr. will be built by the Farmers Union Elvtr. Co.

Hayne, Kan.—W. O. Woods has started work on a new 15,000-bu. elvtr.

Isabel, Kan.—Chester Johnson is now agt. of the Bolin-Hall Grain Co.

Corning, Kan.—The Farmers Union has leased an elvtr. at this station.

Attica, Kan.—We are building a 12,000-bu. elvtr.—Charles & Johnston.

Downs, Kan.—The Farmers Union will increase the capacity of its elvtr.

Rozel, Kan.—The Union Grain Co. is constructing a 14x26 ft. concrete office.

Cedar, Kan.—Warren Hammond is now mgr. of the elvtr. of the Farmers Union.

Freeport, Kan.—C. A. Schmidt will install a Richardson Automatic Scale in his elvtr.

Noble sta. (Geneseo p. o.), Kan.—The elvtr. of R. J. Johnston has been overhauled.

Whitewater, Kan.—The Whitewater Mlg. & Elvtr. Co.'s plant has been undergoing repairs.

Della, Kan.—The elvtr. of Martineck & Swiecka is now known as the Western Elvtr. Co.

Derry sta. (Anthony p. o.) Kan.—The Bluff City Mlg. Co. is repairing its elvtr. and scale.

Brown Spur, Kan.—The new elvtr. of the Farmers Elvtr. & Mercantile Co. has been completed.

Partridge, Kan.—F. G. Osman is mgr. of the recently acquired elvtr. of the Equity Exchange Co.

Arlington, Kan.—A 12-h.p. oil engine has been installed in the elvtr. of the Arlington Elvtr. Co.

Meade, Kan.—I contemplated building a mill here but have decided not to this year.—E. A. Twist.

Muscotah, Kan.—R. T. Strunk is now mgr. of the Farmers Elvtr. Co., succeeding Ralph Allison.

Crisfield, Kan.—I have purchased the 3,000-bu. elvtr. of A. S. Vance on the Santa Fe.—Julius A. Crow.

Woodston, Kan.—The Woodston Mercantile & Shipping Ass'n is building a 35,000-bu. storage tank.—S.

Barnes, Kan.—The Farmers Union has bot the elvtr. of C. W. Hay, formerly operated by Simon Holt.

Byers, Kan.—Our elvtr. is a modern 15,000-bu. house. Geo. M. Smith is mgr.—Byers Equity Exchange.

Scandia, Kan.—John Brown has bot the elvtr. of J. W. Pinney who has retired from the grain business.

Marietta, Kan.—The Marietta Stock & Grain Co. is covering Elvtr. "B" with iron and building a new office.

Wells, Kan.—E. C. Henderson is pres. and A. A. Tennyson sec'y of the Wells Co-operative Elvtr. Co.—X.

Kingman, Kan.—H. F. Braly will operate the elvtr. of the Kingman Ice & Creamery Co. after July 1 under lease.

Lewis, Kan.—I assumed the management of the Farmers Co-operative Grain & L. S. Co. June 7.—A. J. Radcliffe.

Dartmouth sta. (Great Bend p. o.), Kan.—A large wheat bin is being erected by the Wolf Mlg. Co. near its elvtr.

Falun, Kan.—I have just completed my new 25,000-bu. elvtr. and will be ready for business July 20.—G. A. Forsse.



Jetmore, Kan.—M. W. Peterson is remodeling his elvtr.

Missler, Kan.—Material is on the ground for the 25,000-bu. elvtr. for which I recently let contract.—E. A. Twist, Meade.

Syracuse, Kan.—The Syracuse Mill & Elvtr. Co. is repairing the damage done to its elvtr. by fire some time ago.

Pretty Prairie, Kan.—We have completed a 15,000-bu. addition to our elvtr.—D. E. Krehbiel, Collingwood & Krehbiel.

Garden Plain, Kan.—The Farmers Elvtr. Co. hired Mr. Duffing to succeed John Bunck, who resigned as mgr. July 1.

Patterson, Kan.—The N. Sauer Mfg. Co., of Cherryvale, has bot the elvtr. of F. W. Miles and retained Mr. Miles as mgr.

Mentor, Kan.—We expect to have our new elvtr. ready for this year's crop.—R. M. Maxwell, mgr. Mentor Elvtr.

Argentine, Kan.—Work is progressing on the addition now being built to Elvtr. "A." Completion is expected about Oct. 1.

Montezuma, Kan.—We have let contract for a 10,000-bu. elvtr. at this station.—R. A. Ward, Morton Grain Co., Hutchinson.

Ellis, Kan.—The Wheatland Mill & Elvtr. Co. contemplates the erection of a 100,000-bu. reinforced concrete warehouse.

Janssen, Kan.—The Farmers Union took possession July 1 of the elvtr. which it purchased from the Ellsworth Mill & Elvtr. Co.

Agra, Kan.—The Agra Co-operative Grain Shipping & Mercantile Co. has been incorporated with a capital stock of \$10,000.

Topeka, Kan.—The M. W. Cardwell Grain Co. and the Bennett Com's'n Co. have removed to new quarters in the New England Bldg.

Rago, Kan.—The Rago Grain & Mercantile Co. has been organized to build an elvtr. A. W. Sparks is pres. of the company.

Hardtner, Kan.—A 15,000-bu. elvtr. will be built at once on the site which Fred Probst, of Arkansas City, recently secured.

Highland, Kan.—I am no longer mgr. of the Highland Elvtr. Co.—E. P. Lowe, agt. John H. Lynds Mill & Elvtr. Co., Severance.

Seguin, Kan.—The Seguin Grain Co. has let contract for a modern iron clad elvtr. to the White Star Co. Work will be started at once.

Grainfield, Kan.—An elvtr. will be built by the farmers. They are building a warehouse and installing a wagon scale temporarily.

Elkhart, Kan.—We have let contract for the erection of an elvtr. with a capacity of 10,000 bus.—R. A. Ward, Morton Grain Co., Hutchinson.

Damar, Kan.—The Shellabarger Mill & Elvtr. Co., of Salina, will start work at once on a new elvtr. The White Star Co. has the contract.

Brenham sta. (Greensburg p. o.), Kan.—Keller Bros. are not building an elvtr. and no report that they will build has been given out here.—X.

Darlow, Kan.—The Rock Mfg. & Elvtr. Co. has repaired its elvtr. at this station and covered it with iron.—E. B. Schmitt, agt., Pretty Prairie.

Hill City, Kan.—The C. E. Robinson Grain Co., of Salina, has just completed a modern steel clad elvtr. The White Star Co. had the contract.

Varner, Kan.—We have repaired and covered our elvtr. at this station with iron.—E. B. Schmitt, agt. Rock Mfg. & Elvtr. Co., Pretty Prairie.

Goodland, Kan.—The Farmers Equity Exchange has bot the West Elvtr. of G. W. Brandt. Mr. Brandt will continue the operation of the East Elvtr.

Plains, Kan.—The Plains Equity Exchange will build two 10,000-bu. concrete storage tanks. The Burrell Engineering & Construction Co. has the contract.

Pretty Prairie, Kan.—We have repaired our wagon scales and installed a Richardson Automatic Scale in our elvtr.—E. B. Schmitt, agt. Rock Mfg. & Elvtr. Co.

Dodge City, Kan.—Jesse Nebergall, who has been managing the Hugoton Mill & Elvtr. Co. at Hutchinson, will become mgr. of the Farmers Elvtr. & Supply Co.—S.

La Crosse, Kan.—I have leased my property to M. Cleave Smith and am not in the grain business at present.—L. L. Mobley, prop. La Crosse Flouring Mill & Elvtr.

Jetmore, Kan.—The recently organized Farmers Co-operative Elvtr. Co. bot the old Winn Mill and will remodel it into a 15,000-bu. elvtr. C. H. Dunlap is mgr.

Satanta, Kan.—We have purchased the 12,000-bd. elvtr. which W. P. Klesen, of Dodge City, recently completed.—J. L. Hipple, mgr. Satanta Equity Exchange.

Sibley, Kan.—An effort is being made by A. P. Foster and George E. Liggett, of Baldwin, to interest the farmers in an elvtr. to cost not over \$2,500 at this place.

Harper, Kan.—The property of the E. A. Wales Mill Co. consisting of an elvtr. and mill will be sold at auction July 12. The company has gone thru bankruptcy proceedings.

Rolla, Kan.—Very little has been done so far toward the proposed farmers elvtr. for this station. Mr. Bigger is at the head of the movement.—Agt. Hugoton Elvtr. Co.

Severance, Kan.—I took charge of the grain and live stock business for the John H. Lynds Mill & Elvtr. Co. June 28.—E. P. Lowe, formerly mgr. Highland Elvtr. Co., Highland.

Woodston, Kan.—The 30,000-bu. elvtr. of the Woodston Grain Co. under construction will be completed in about 10 days. C. C. Finch is pres. and J. L. Smither sec'y of the company.—X.

Uniontown, Kan.—We will remodel an old mill into a 10,000-bu. elvtr. but there is nothing in sight to elevate as everything was drowned out.—C. H. Konantz, mgr. Goodlander & Konantz.

Simpson, Kan.—Lee Long, of the Simpson Mfg. Co., was instantly killed recently. He was moving a transformer to protect it from the high water when he came in contact with a live wire.

Shady Brook, Kan.—We let contract and work started July 1 on a 3,000-bu. elvtr. which will be tributary to our elvtr. at Woodbine.—E. W. Volkman, mgr. Woodbine Grain Co., Woodbine.

Viola, Kan.—The Viola Grain Co. has let contract for an 18,000-bu. elvtr. to the White Star Co. Equipment includes Richardson Automatic Scales and a 1,500-bu. elvtr. leg and feed grinder.

Towanda, Kan.—Work on the new 3,000-bu. annex to my elvtr. has been detained on account of bad weather but I will start to build soon, making the total capacity 10,000 bus.—G. E. Garrison.

Croft, Kan.—S. B. Howell, T. P. Kerr and George Bunsel have purchased the elvtr. of the W. E. Clark Estate which I operated under lease.—B. N. Dinkins, mgr. Sawyer Equity Exchange, Sawyer.

Marysville, Kan.—Having sold my elvtr. to the Marshall County Co-operative Ass'n June 15, I am out of the grain business but still retain my seed, coal and implement business.—J. H. Cavanaugh.

Kiowa, Kan.—At this time no Oklahoma man is building as has been reported. Five elvtrs. and a flour mill will be in operation here this year which will make plenty of competition.—E. N.

Sawyer, Kan.—J. C. Carlisle is pres. and A. O. Brubaker is sec'y of the Sawyer Equity Exchange. W. W. Gibbons was employed as mgr. for a short time and I have succeeded him.—B. N. Dinkins.

Beattie, Kan.—D. O. Neil is remodeling his elvtr. at a cost of \$2,000. A. L. Brunswick has spent \$1,500 on repairs on his elvtr. Work is progressing on the new 17,000-bu. elvtr. of the Farmers Elvtr. Co.

Copeland, Kan.—The Hugoton Elvtr. & Warehouse Co., will build a 15,000-bu. studded elvtr. The Burrell Engineering & Construction Co. has the contract.

Sylvan Grove, Kan.—The Farmers Elvtr. Co. is planning to build an elvtr. on the proposed Salina & Tipton Ry., about 13 miles north of this place, if it goes thru.—F. E. Nefzger, agt. Shellabarger Mill & Elvtr. Co.

Topeka, Kan.—The Topeka Mill & Elvtr. Co. has been organized by S. P. Kramer, H. D. Yoder and others and has purchased the plant of the Topeka Mfg. Co. The plant will be overhauled and new machinery installed.

Whiteside sta. (Hutchinson p. o.) Kan.—We have installed a 1,000-bu. Richardson Automatic Scale in our recently acquired elvtr. and are now ready for operation.—C. E. Chase, mgr. Whiteside Co-operative Equity Exchange.

Oketo, Kan.—The Farmers Unions of Balderson and Sunrise have merged and reorganized as the Farmers Elvtr. Co. Work was started July 1 on a 17,000-bu. elvtr. which will be completed in 6 weeks at a cost of \$5,000.

Norton, Kan.—The Canyon City Mfg. Co., of Canyon City, Colo., has purchased the plant of the Norton Mill & Elvtr. Co. for \$7,000. The creditors will be paid 10%. Work on the remodeling and overhauling of the plant has been started.

Logan, Kan.—The Farmers Elvtr. Co. has let contract for the erection of steel storage tanks to the White Star Co. This is an addition to the elvtr. it built for the farmers company last year. These will be Perfection Metal Grain Tanks.

Geneseo, Kan.—Shellenberger & Dubbs, of Ransom, are building a 20,000-bu. transfer elvtr. With the equipment installed, which includes a double elvtr. leg and a 2,000-bu. Richardson Automatic Scale, they will be able to handle about 30 cars per day. The White Star Co. has the contract.

Stafford, Kan.—We will increase our capital stock from \$6,000 to \$10,000 and the new stock will be sold to the farmers around Bedford where we have bot an elvtr. The business of both elvtrs. will be transacted from this office under the old management.—Stafford Grain & Supply Co.

Bucklin, Kan.—We have installed a Richardson Automatic Scale and a Boss Air Blast Car loader in our elvtr. and have built a new office. Our capital stock has been increased from \$10,000 to \$20,000. We will either buy or build another elvtr.—P. O. Davis, mgr. Bucklin Co-operative Elvtr. & Supply Co.

Cullison, Kan.—The Farmers Elvtr. Co. has built a 20x44 ft. warehouse and a 14x70 ft. coal shed. The Bolin-Hall Grain Co., of Liberal, has leased the elvtr. operated last year by the Kelley Mill Co., of Hutchinson. F. L. Farnsworth, prop. of the elvtr., will remain as mgr.—J. W. Wolf, agt. Kansas Flour Mills Co.

Kiowa, Kan.—We are building a 28x34x30 ft. elvtr. with large dump for unloading cars and a 1,500 bu. wagon dump. The house will be iron clad with galvanized roof and will be completed by Aug. 1. Equipment is being furnished by Fairbanks Morse & Co.—C. H. McBrayer, sec'y., treas. and mgr. Mackey-McBrayer Lumber Co.

Topeka, Kan.—Action was begun in district court July 7 by Ray Campbell, attorney for the Wichita Board of Trade, to restrain the sec'y of the state board of agriculture from collecting licenses demanded of grain and produce dealers under the recent statute. A temporary injunction was granted by Judge Thornton W. Sargent against S. N. Brewster, attorney general; J. C. Mohler, sec'y of the state board of agriculture, and Ross McCormick, county attorney. They are restrained from enforcing the law, interfering with the grain dealers' business or collecting the licenses. The injunction was brought on behalf of "members of the Wichita Board of Trade," and not the Board of Trade as an organization. Under the order given by Judge Sar-



gent, no state or county official can start prosecution of the grain men because they have not paid the license fee, according to Mr. Campbell. A permanent order of the same nature is asked for in the petition. It is the hope of the grain men, Mr. Campbell said, to get a decision favorable to them in the local district court, which of its own accord places the law before the supreme court, because state officials are defendants. A new phase of why the law should be knocked out is set out in the grain men's petition. Firms and individuals handling live stock on a commission basis are not mentioned—which gives room for a charge of discrimination.

## HUTCHINSON LETTER.

G. C. Hipple has succeeded Jesse Nebergal as mgr. of the Hugoton Mill & Elvtr. Co.

The Bolin-Hall Grain Co. has installed manlifts in its elvtrs. at Spivey, Isabel, Zenda and Nashville.

Lester B. Miller, sec'y-treas. of the Turin Mill & Elvtr. Co., was married June 23 to Miss Dena Wilkinson, of Nickerson.

The Morton Grain Co. has been organized by I. R. Romer and myself. We have let contract for elvtrs. at Elkhart and Montezuma and will have our head office here.—R. A. Ward.

The Hall-Baker Grain Co., of Kansas City, Mo., has opened an office in the Rora-baugh-Wiley Bldg. C. G. Smith, who has been traveling for the Ferguson Shircliffe Grain Co., is in charge.

A membership in the Board of Trade was sold at \$800 recently while last year at this time one was sold at \$25. The number is limited to 25, all of which are now held by grain dealers and millers of this city.

The 50,000-bu. steel wheat storage tank of the Larabee Flour Mills was moved 13½ in. off its foundations by a high wind recently. It has been pushed back into place with jacks. It was empty at the time of the storm.

## WICHITA LETTER.

H. Kaufman is the new treas. of the Board of Trade.

Bossemeyer Bros., of Superior, Neb., have opened a branch office with Paul Bossemeyer as mgr.

E. Bossemeyer, Jr., A. Steckel and J. F. Elliott have been admitted to membership in the Board of Trade.—J. H. Sherman, sec'y.

O. E. Bedell, who has been with the Kelley Grain Co., is now acting as traveling salesman and ass't buyer for the Williamson Grain Co.

The E. E. Roahen Grain Co., of Kansas City, Mo., has opened an office with F. D. Sperry, formerly sec'y of the Ellsworth Mill & Elvtr. Co., in charge.

If a proposed amendment to the constitution of the Board of Trade passes, grain dealers and millers who secure memberships will have to pay \$1,000. The membership fee now is \$500 and all of the memberships have been sold. The board is limited to 50 members.

## KENTUCKY

Paducah, Ky.—The report that I intend to build an elvtr. is without foundation.—Abe L. Livingston.

Hardinsburg, Ky.—The Hardinsburg Mill & Elvtr. Co. has completed the construction work and is installing the machinery in its plant which it is remodeling.

Lexington, Ky.—Calvert T. Roszell, William B. Talbert, and other leading grain men and feed dealers have been urging the passage of an ordinance to prevent the city weigher from handling a grain and hay brokerage business. The weigher receives 15c a load for weighing and obtains 25c a load additional if he can dispose of the farmer's grain or hay to private purchasers. A number of stockmen are opposed to the ordinance as it would mean they would have to buy from the dealers and pay legitimate prices.

## LOUISIANA

Shreveport, La.—The Roberts Lumber & Grain Co. has been organized with Fred Humburg, John Weber and H. C. Wildgen as the principal stockholders. The capital stock is \$50,000. The new company has taken over the business of the Humburg Lumber Co. of Bison, Kan., and will do a general grain and lumber business. T. G. Roberts is pres., John Weber, vice-pres., H. C. Wildgen, sec'y, and Fred Humburg, treas.

## NEW ORLEANS LETTER.

The Norris Grain Co., of Chicago, Ill., opened an office in the Whitney-Central Bank Bldg. July 1. Fred A. Haywood is mgr.

Charles R. Matthews & Bro. succeeded Charles R. Matthew July 1 in the grain brokerage and com's'n business. No change was made in the membership.

At the invitation of the Board of Port Commissioners of New Orleans, the Board of Trade has appointed the following committee to confer with the commissioners on all propositions connected with the new grain elvtr.: A. F. Leonhardt, W. L. Richeson and W. L. Richeson Jr.—B.

According to plans for the proposed elvtr. submitted by Ford, Bacon & Davis, the loading capacity will be 40,000 bus. per hour. It was suggested that the large container be made 1,200,000 bus. at first. This capacity could be added to from time to time until it is possible to store 5,000,000 bus. of grain.

In order to create a New Orleans market for the crop, the Ass'n of Commerce is advertising Louisiana oats to the fullest extent. Northern Louisiana dealers and farmers claim that the red oats of the state are heavier and better than the western white. James E. Edmonds, mgr. of the land and immigration dept. of the Ass'n of Commerce, recently invited the Board of Trade into a conference with him, and suggested that a regular representative of the Ass'n of Commerce be allowed to attend meetings of the board. Mr. Edmonds presented a communication he had received from one of the members of the Grain Com'te of the Board of Trade, enclosing a letter from a Texas company, offering to ship 4 cars of oats at 43c a bu. A local grain firm was willing to pay the same price for Louisiana oats, Mr. Edmonds said, and would take 40,000 bus. at that price.—B.

## MARYLAND

Baltimore, Md.—Samuel D. Thomas, chief grain inspector of the Chamber of Commerce, is mourning the recent death of his mother.

Baltimore, Md.—The new grades of wheat, put into effect in this market on June 22, were applicable to local wheat only. The old grades on Western wheat are still in force without change.

Baltimore, Md.—Edward S. Kent, Ed. D. Feist and John C. McCarty have applied for membership in the Chamber of Commerce. Edward T. Sheil, Jr., Jos. W. Weiss and Henry A. Rumsey have been admitted to membership.

## MICHIGAN

Pinckney, Mich.—Charles M. Hudson has taken over the grain business of Hoyt Bros.

Mulliken, Mich.—We are making some repairs in our elvtr.—McNaughton & Peabody.

Maybe, Mich.—We will remodel our recently acquired elvtr. and mill.—S. Leidel & Son.

Lowell, Mich.—The King Mlg. Co. has increased its capital stock from \$50,000 to \$60,000.

Hamilton, Mich.—The Kolvoord Mlg. Co. has been incorporated with a capital stock of \$30,000.

Greenleaf sta. (Cass City p. o.) Mich.—The Cass City Grain Co. is building a grain and bean elvtr.

Detroit, Mich.—The Union Depot Elvtr. has been closed from July 1 to 10 during which time it was overhauled and repaired.

Milan, Mich.—The Auten Grain Co. is building an elvtr. which will be completed by Sept. 1. A. H. Richner has the contract.

Petoskey, Mich.—Logan & Bryan have opened their branch office here as usual for the resort season with Lee D. Hollinger in charge.

Athens, Mich.—W. F. Wolfe has taken over the elvtr. of Frank Bevington in exchange for his interest in an elvtr. at Shipshewana, Ind.

Mackinac, Mich.—The branch office of Logan & Bryan, of Chicago, Ill., has been opened for the resort season with Stanley Morrill as mgr.

Dimondale, Mich.—The elvtr. of Crane & Crane and the freight house of the Lake Shore R. R. Co., which burned last April, will be rebuilt by the railroad company.

Richmond, Mich.—J. A. Heath, sec'y and general mgr. of the Richmond Elvtr. Co., now under financial difficulties, is reported to be dying of cancer in a New York hospital.

Schoolcraft, Mich.—I bot out Case & Harvey Feb. 1 and am now operating my old line of elvtrs. at Moorepark, Flowerfield and this station with headquarters here.—W. J. Thomas.

Saginaw, Mich.—The Walcott Grain Co. incorporated; capital stock, \$9,000; incorporators, A. E. Walcott, William P. Carr and others. The new company has taken over the business of the Henry Carr Co.

Bay City, Mich.—The Chatfield Mlg. & Grain Co. has been organized to take over the business of the Chatfield Mlg. Co. The company is capitalized at \$50,000 with C. B. Chatfield, as pres., Fred S. Chatfield, vice pres. and R. P. Chatfield, sec'y and treas.

Millington, Mich.—We have a 10,000-bu. elvtr. under construction for handling grain. We have secured all the equipment, including the shafting, belting, hangers, etc. The elvtr. leg and cleaner have been furnished by A. T. Ferrell & Co.—Sioux City Seed & Nursery Co.

Detroit, Mich.—The recently incorporated Swift Grain Co. has opened an office in the Chamber of Commerce Bldg. The officers are: T. W. Swift, formerly of Coughney-Swift Co., pres., Edward P. McKenna, of McKenna & Rodgers, Chicago, Ill., vice-pres. and D. M. Cash, sec'y and treas.

Jackson, Mich.—The annual meeting of the Michigan Hay & Grain Ass'n will be held Aug. 5 at the Otsego Hotel. The Jackson fellows would have gone any place to the Convention and will do all they can to make your visit here pleasant and agreeable. Help us make this the banner convention by coming and bringing your neighbor.—John C. Graham' sec'y.

## MINNESOTA

Revere, Minn.—The Eagle Roller Mills Co. is repairing its elvtr.

Huntley, Minn.—The Farmers Elvtr. Co. is building new coal sheds.

Clearbrook, Minn.—The Farmers Elvtr. Co. will build a feed warehouse.

Hitterdal, Minn.—An elvtr. was blown down during a wind storm recently.

Darwin, Minn.—I am now agt. of the Monarch Elvtr. Co.—Robert J. Haas.

Storden, Minn.—O. C. Lande has been rehired as mgr. of the Farmers Elvtr. Co.

Lismore, Minn.—The Farmers Elvtr. Co. has succeeded the Lismore Farmers Elvtr. Co.

Peterson, Minn.—The elvtr. of the Farmers Elvtr. Co. has been closed for the season.

Pipestone, Minn.—I am not interested in the grain business at the present time.—D. C. Harrington.

Morgan, Minn.—Casper Green & Son, who operate an elvtr. and mill here, have traded the mill for land.

Magnolia, Minn.—In repairing its elvtr., the Farmers Elvtr. Co. will raise and enlarge the cupola.



Winsted, Minn.—Work has been started on the elvtr. for which the Farmers Elvtr. Co. recently let contract.

Doran, Minn.—The Monarch Elvtr. Co. wrecked its elvtr. at this station recently.—Robert J. Haas, agt. at Darwin.

Morgan, Minn.—Gust Kamholz has succeeded H. N. Reding, who recently resigned as sec'y of the Farmers Elvtr. Co.

Beardsley, Minn.—The Farmers Elvtr. Co. has bot the elvtr. of Art. Gillette. Mr. Gillette has also sold his elvtr. at Barry.

Afton, Minn.—Our new 30,000-bu. elvtr. now being built will be completed July 15.—M. A. R., agt. Jameson, Hevener Co.

Campbell, Minn.—The Winter-Truesdell-Ames Co. has completed its new 30,000-bu. elvtr. which replaces the house burned Mar. 11.

Marshall, Minn.—The Atlas Elvtr. Co. has succeeded G. W. Van Dusen & Co. here. C. P. Christianson will remain as agt.

Walnut Grove, Minn.—The new 30,000-bu. elvtr. of Swoffer & Swoffer has been completed by T. E. Ibberson, who had the contract.

Olivia, Minn.—J. S. Schleuter, of Hanley Falls, has succeeded C. E. Johnson who recently resigned as mgr. of the Farmers Elvtr. Co.

Hewitt, Minn.—The National Elvtr. Co. has replaced the foundation and made general repairs on its elvtrs. T. E. Ibberson did the work.

Warren, Minn.—The storage addition we are building will have a capacity of 60,000 bus.—C. I. Spaulding, general mgr. Spaulding Elvtr. Co.

Goodridge, Minn.—The new elvtr. under construction for the Atlantic Elvtr. Co. will have a capacity of 30,000 bus.—Agt. Hanson & Barzen Mfg. Co.

Kenneth, Minn.—Mr. Haroldson has succeeded W. V. Willey as mgr. of the Farmers Elvtr. Co., Mr. Willey having purchased an elvtr. at Sibley, Ia.

Hardwick, Minn.—The elvtrs. we bot at this station, Midland and Trosky, were formerly operated by W. I. Thompson.—Merchants Elvtr. Co., Minneapolis.

Clarissa, Minn.—The National Elvtr. Co. has finished replacing the foundation under its elvtr. and has also made general repairs. T. E. Ibberson did the work.

St. Cloud, Minn.—The Great Northern Flour Mills Co. moved its offices to Minneapolis July 1. The new mill, now under construction, will be completed in August.

Holloway, Minn.—Lightning rods will be placed on the elvtr. of the Farmers Elvtr. Co., a manlift installed and new coal sheds built. Mr. Hagen has been retained as mgr.

Faribault, Minn.—W. W. Allen, vice-pres. of the Sheffield-King Mfg. Co., operating the Central Elvtr. here, died recently, aged 60 years. He had been resident mgr. for 13 years.

Litchfield, Minn.—Contract has been let by the Farmers Independent Elvtr. Co. for an elvtr. to cost about \$7,000. Work will be started soon to have the house ready for this year's crop.

Tracy, Minn.—The Farmers Elvtr. Co. has let contract for a 30,000-bu. elvtr. to T. E. Ibberson. The house will be constructed so that Perfection Metal Bins can be added at some future time.

Lake City, Minn.—E. W. Fick is now agt. of the Milwaukee Elvtr. Co., succeeding George R. Aines, who has been agt. for the past 11 years. Extensive improvements and alterations will be made on the elvtr. this summer.

Coates, Minn.—The elvtr. of Jameson, Hevener Co. burned June 17 with a large quantity of grain. The fire is reported to have started from sparks from a locomotive. Arthur S. Elston, local agt. for the company, states that contract has been let for a new 30,000-bu. elvtr.

Glyndon, Minn.—Work will be started soon on repairing the damage done to the elvtr. of the Monarch Elvtr. Co. by fire some time ago.

Currie, Minn.—The Farmers Elvtr. Co. bot the elvtr. of the Hubbard & Palmer Co. June 1. The Benson Grain Co., of Heron Lake, bot the elvtr. of the Skewis Grain Co. June 1 and I have been retained as agt.—P. T. Kinney.

Albert Lea, Minn.—The Speltz Grain & Coal Co. has closed a deal with the Western Elvtr. Co., of Winona, for the possession of the elvtrs. at Ellendale, Clarks Grove, Glenville, Walters and Briceyn. This gives the Alberta Lea company a line of 12 southern elvtrs. in this state.

Hayfield, Minn.—We will operate our recently acquired elvtr. under the name of the Sunwall Independent Elvtr. and are repairing the interior and exterior, putting in new machinery, remodeling, and also building a coal shed and flour house.—Ermitt & Victor Sunwall, formerly of Arthur, N. D.

#### DULUTH LETTER.

The Frazer-Smith Co., of Minneapolis, has applied for membership in the Board of Trade.

Herbert McMeekin has given up the position which he held with the Barnum Grain Co. for the past 4 years.

Warren Starkey will succeed E. M. White as floor representative for Randall, Gee & Mitchell. W. L. Brisley will also act as floor representative.

B. J. Oyan, formerly mgr. of the Farmers Elvtr. Co. at Winfred, S. D., has secured a position as traveling representative for Atwood-Larson & Co.

Turle & Co. has been incorporated with a capital stock of \$100,000 by W. Turle, pres. and George Robson, vice-pres. and treas. Membership in the Board of Trade has been applied for.

W. F. Starkey, J. F. Finkelson, W. L. Erisley and Otto Keusch have been admitted to membership in the Board of Trade and the memberships of E. P. Bacon, E. H. Pugh, J. B. Gilfillan Jr. and George C. Bagley have been posted for transfer.

The Supreme Court of Minnesota has affirmed the decision of the district court of St. Louis County in favor of Magnus T. Carlson, grain inspector, against the Superior Terminal Elvtr. Co., giving him damages for injury sustained by a grain door falling upon him. An employee of the company pried the door off the car as plaintiff was passing.

Harry Coney, one of the leading flax traders on the Board of Trade, was murdered July 4, on the steamer Tennyson, near the Barbadoes Islands, by an insane man. Mr. Coney had been representing the Spencer-Kellogg Co., of Buffalo, N. Y., for many years and had been sent to Buenos Aires to look after their shipments there several winters. He is survived by his widow and three children.

#### MINNEAPOLIS LETTER.

We will undoubtedly build 3 or 4 new elvtrs. during the summer.—Occident Elvtr. Co.

Thomas F. Milligan, of Charles E. Lewis & Co., was married recently to Miss Lillian M. Birch.

George B. Kirkbride, formerly pres. of George B. Kirkbride & Co., a grain com's'n firm, died recently in Philadelphia, Pa.

The Cereal Grading Co. is building a 40,000-bu. working house as an addition to its present house. T. E. Ibberson has the contract.

Complaints are being made by the residents near the Brooks Elvtr. Co.'s plant on account of the odor arising from the fire damaged grain which is now being conditioned.

John M. Warnock, for 25 years dept. mgr. for G. W. Van Dusen & Co., died suddenly of apoplexy July 5. He was apparently in the best of health a half hour previous.

J. I. Killion is now traveling for the Van-Dusen-Harrington Co.

District Judge C. S. Jelley denied the application of Mrs. Katharine Jordan Feavey for payment to her of \$21,000 as dividends on \$700,000 stock in F. H. Peavey & Co., formerly owned by her husband, but held in the names of Frederick B. Wells and Frank T. Heffelfinger since Sept. 18, 1907. The action she has begun for annulment of the alleged sale will be heard next fall.

Mrs. Elizabeth M. Price has brot suit in the federal court at Portland, Ore., against Mrs. Marie Dewey Wallace, wife of Guy L. Wallace of that city, to enforce what Mrs. Price claims should be her trusteeship to 1/2 of the property, or \$100,000, left by Peter B. Smith, the late pres. of the St. Anthony & Dakota Elvtr. Co., her step-father and the husband of the present Mrs. Wallace at the time of his death in 1907.

The Atlas Elvtr. Co. has taken over a large number of the elvtrs. of G. W. Van Dusen & Co., and in turn, a large number of the elvtrs. of the Atlas Elvtr. Co. have been transferred to G. W. Van Dusen & Co. The elvtrs. at the following stations, formerly operated by G. W. Van Dusen & Co., have been transferred: Pine Island, Byron, St. Peter, Oshawa, Nicollet, Sanborn, Marshall, Delhi, Wood Lake, Madison, Benson, Danvers, Holloway, Appleton, Louisburg, Bellingham, Nassau, Maynard, Cottonwood, Green Valley, Ruthton, Holland, Pipestone and Jasper, Minn. The switch-over was made for convenience. The G. W. Van Dusen & Co. line is confined practically to the C. & N. W. R. R. and the Atlas Elvtr. Co. line to the Great Nor. and the C. B. & Q., making each more compact.—Le Roy D. Godfrey, general mgr. Atlas Elvtr. Co.

#### MISSOURI!

Butler, Mo.—W. W. Cameron is building a 10,000-bu. addition to his elvtr.

Henley, Mo.—The new elvtr. now being erected here will be operated under the name of the Henley Elvtr. Co.

Vandalia, Mo.—J. C. Gillam, of Hannibal, who recently bot an interest in the grain business of J. F. Coontz, will be mgr.

Montrose, Mo.—We have sold our elvtr. to the Farmers Elvtr. & Supply Co., which was organized recently.—Kaumans Bros.

Washington, Mo.—The Grant Tower Mfg. Co. has completed the steel grain tanks which it had been building for some time.

Worth, Mo.—An elvtr. has just been completed by the Iowa-Missouri Grain Co., of Lamoni, Ia.—Davis City Elvtr. Co., Davis City, Ia.

Gentry, Mo.—The Iowa-Missouri Grain Co., of Lamoni, Ia., has just completed an elvtr. at this station.—Davis City Elvtr. Co., Davis City, Ia.

St. Joseph, Mo.—The Benton Grain Co., of Kansas City, which opened a branch office July 1 in the Corby-Forsee Bldg., will represent J. C. Shaffer & Co., of Chicago, Ill.

Golden City, Mo.—The 2 elvtrs. at this station, owned by the estate of H. H. Steele & Co., are closed and will need some improvements before they can be operated.—F. H. Weaver.

Joplin, Mo.—About 50 grain dealers representing northeastern Oklahoma and southwestern Missouri and Kansas attended the meeting held June 18 to discuss means of obtaining uniformity of laws affecting them. Another meeting will be held in July.—J. W. Boyd, pres. J. W. Boyd Grain & Com's'n Co.

The following have applied for membership in the Missouri Grain Dealers Ass'n: E. R. Knox, Smithton, Davis Grain Co., Davis, Lipscomb Grain & Seed Co., Springfield, Asbury Elvtr., Asbury, J. M. Wine & Son, Clarence, Chas. Burkhardt, Macon, Mathews & Stubblefield, Malden, Montrose Farmers Elvtr. & Supply Co., Montrose, D. B. Huffman, Verona, Mo. and J. H. Dole & Co., Chicago, Ill.—J. A. Gunnell, sec'y.



Eldon, Mo.—An elvtr. is being built here by a stock company composed of the business men of this city. The house, which will have 4 large tanks besides the elvtr. bin and will have a capacity of from 12,000 to 15,000 bus., will be completed in about 10 days.

St. Joseph, Mo.—The St. Joseph Public Elvtr. Co. has been incorporated with a capital stock of \$50,000 by J. I. Frederick, pres., R. E. Hastings, vice-pres., and O. Mitchell, sec'y., and will lease and operate the new 500,000-bu. elvtr. of the Buchanan Elvtr. Co. as a public elvtr. when it is opened Sept. 1. The offices of the company will be in the Corby-Forsee Bldg. L. D. Van Vleet is pres. and treas. and John E. Dolman sec'y of the Buchanan Elvtr. Co.

## KANSAS CITY LETTER.

John M. Hogan succeeded Lev Fowler as mgr. of the Katy Grain Co. and will have his office at the elvtr. at Rosedale.

Contract for the machinery for the new 250,000-bu. annex now under construction by the C. & A. R. R. has been let to the Weller Mfg. Co.

The W. H. Marshall Com's'n Co. incorporated; capital stock, \$13,000; incorporators, W. H. Marshall, Joplin, W. S. Gunning and George W. Ball, of Webb City.

Work is progressing on the 1,000,000-bu. elvtr. of the Kansas City Southern Ry. which will be operated by the Norris Grain Co., of Chicago, Ill., when completed Dec. 1.

Wm. G. Haseltine, who was a member of the Board of Trade for 30 years, has just returned from California and will represent us on the road.—C. P. Moss, pres. Moss Grain Co.

James H. Woolridge was admitted to membership on transfer from J. G. Peppard, Lester B. Stevens from H. F. Probst, F. D. Bruce from S. C. Woodson and Howard E. Merrill on transfer from A. L. Schmidt.—E. D. Bigelow, sec'y Board of Trade.

The Kansas City Court of Appeals has affirmed the judgment of the circuit court of Buchanan County in favor of the Shannon Commission Co., Plaintiff, against John A. Redman, for \$2,507, balance due as commissions on 27 trades in wheat, corn and oats for future delivery, aggregating nearly 1,000,000 bus. The defense was that the trades were gambling and unlawful.

H. H. Hodgson, who has been conducting business as the Missouri Grain Co., and C. K. Davis, who has been doing business under the name of the Davis Com's'n Co., have decided to unite their interests and will henceforth do business under the name of the Hodgson-Davis Grain Co., with offices in the Board of Trade Bldg. The company is incorporated for \$25,000. H. H. Hodgson is pres. and C. K. Davis vice-pres. Both the Missouri Grain Co. and the Davis Com's'n Co. will discontinue business.

## ST. LOUIS LETTER.

The H. G. Bailey Grain Co. is out of the grain business.—S. J. G.

Owen Stanard Tilton, treas. of the Stanard-Tilton Mfg. Co., was married recently to Miss Ellen McNellis.

The Mound City Elvtr., operated by the Mound City Elvtr. & Grain Co., has been declared regular.

The amendment to permit smoking on the floor between 9:15 a. m. and 1:15 p. m. from June to September was lost by a vote of 159 to 94.—Eugene Smith, sec'y Merchants Exchange.

Toberman, Mackey & Co. have been awarded the contract for furnishing 4,500,000 pounds of hay, for the Panama Canal. J. W. Dye, mgr. of the hay dept., engineered the deal.—S.

A vote of the members was taken July 7 on the following amendment to the rules of the Merchants Exchange: On car lot purchases or sales of "on track" grain, feed or seeds, to be subsequently switched or delivered to industries, team tracks or connecting lines, the buyer shall give to the seller the ordering instructions on the day of purchase, and the seller shall order the

commodity billed in accordance therewith on or before the next succeeding business day. In giving ordering instructions, it shall be the duty of the buyer to know that delivery to the industry, team track or connecting line specified therein is then practicable, and any car service or expense incident to delay in transit or unloading shall be paid by the buyer, regardless of whether the commodity is ordered in the name of or the title rests in the buyer or seller or otherwise.—Eugene Smith, sec'y.

## MONTANA

Higman, Mont.—The Farmers Elvtr. Co. will now be operated on a co-operative basis.

Circle, Mont.—The farmers are trying to establish a company to build an elvtr. before fall.

Cascade, Mont.—The Cascade Society of Equity has asked for bids for the erection of an elvtr.

Scobey, Mont.—Fire destroyed the elvtr. of the International Elvtr. Co. which was erected last fall.

Hinsdale, Mont.—The Imperial Elvtr. Co., of Minneapolis, Minn., will begin the construction of an elvtr. soon.

Columbus, Mont.—We are building an elvtr. on the Northern Pac.—Montana Central Elvtr. Co., Minneapolis, Minn.

Roberts, Mont.—We are operating a 40,000-bu. elvtr. on the Northern Pac.—Occident Elvtr. Co., Minneapolis, Minn.

Edgar, Mont.—We have built a 40,000-bu. elvtr. on the Northern Pac.—Ass't Gen'l Mgr. Occident Elvtr. Co., Minneapolis, Minn.

Oswego, Mont.—The Imperial Elvtr. Co. will build elvtrs. at Dodson and this point.—St. Anthony & Dakota Elvtr. Co., Minneapolis, Minn.

Roundup, Mont.—My new 25,000-bu. elvtr. has been completed and will be operated under the name of the A. P. Ladd Elvtr. Co.—A. P. Ladd.

Miles City, Mont.—We have sold our elvtr. here but will engage in the grain business at another point this fall.—D. I. Lytle, Hathaway.

Benchland, Mont.—The Benchland Co-operative Elvtr. Co. incorporated; capital stock, \$50,000; incorporators, Wiley Scott, C. I. Cash and others.

Tiber sta. (Chester p. o.), Mont.—We will build elvtrs. at this station, Bison sta. (Buelows p. o.) and Tampeco.—St. Anthony & Dakota Elvtr. Co., Minneapolis, Minn.

Winifred, Mont.—We are building an elvtr. which will be ready soon and in operation before the new crop is marketed.—Montana Central Elvtr. Co., Minneapolis, Minn.

Dillon, Mont.—The Beaverhead Co-operative Elvtr. Co. is the name under which the farmers have applied for a charter to operate an elvtr. here. Ralph Smith is acting as sec'y.

Three Forks, Mont.—L. S. Greenwood, of the Greenwood Mfg. Co., Parkson, S. D., is contemplating the establishment of a flour mill, alfalfa mill, elvtr. and warehouse at this station.

Homestead, Mont.—J. K. Swayls is now agt. of the Victoria Elvtr. Co. and I am agt. of the Montana & Dakota Grain Co. The Farmers Elvtr. Co. closed its elvtr. May 15.—H. C. Fraley.

Virgelle, Mont.—The Farmers Produce Co., of Big Sandy, has bot the elvtr. of the Rocky Mountain Elvtr. Co. and will operate it in connection with the 30,000-bu. house it is building at Big Sandy.

Ledger sta. (Fowler p. o.), Mont.—The Montana Central Elvtr. Co., of Minneapolis, Minn., which recently took over an elvtr. here, is building another house and will put it in operation before the new crop moves.

Great Falls, Mont.—P. F. Brown, formerly mgr. of our office at Fargo, N. D., is now mgr. of the Montana branch of our business and will have his office here temporarily.—Quinn-Shepherdson Co., Minneapolis, Minn.

Geraldine, Mont.—The Geraldine Mfg. Co. is building 6 additional storage bins, making the elvtr. capacity 30,000 bus. New machinery will be installed in the plant.

Huntley, Mont.—The Farmers Trading & Elvtr. Co. is now out of business. It was incorporated for the purposes of buying my elvtr. but could not raise enough funds and so never engaged in the grain business. Geo. W. Haskell, prop. Huntley Elvtr.

Fort Benton, Mont.—The Greely-Schmidt Elvtr. Co. has been incorporated with a capital stock of \$50,000 and has taken over the grain business of the Greely Elvtr. Co. The company is also building elvtrs. at Highwood and Montague. W. T. Greely is pres., A. J. Schmidt, vice-pres. and G. C. Schmidt, sec'y and treas.—Balfour-Greely Grain Co., headquarters at Spokane, Wash.

## NEBRASKA

Tamora, Neb.—Carl Anderson is now agt. of the Central Granaries Co.

Curtis, Neb.—H. E. Langevin is now mgr. of the Farmers Elvtr. Co.

Loomis, Neb.—I am mgr. of the Farmers Co-operative Grain Co.—J. E. Bailey.

Stratton, Neb.—The O'Donnell Grain Co. has increased its capital stock to \$50,000.

Davey, Neb.—Work on the elvtr. of the Farmers Elvtr. Co. is progressing rapidly.

Norman, Neb.—The Farmers Business Ass'n is making extensive repairs in its elvtr.

Ellis, Neb.—Chas. Minnick is now mgr. of the Farmers Elvtr. Co., succeeding R. F. Miller.

Foley sta. (David City p. o.) Neb.—John Adkinson is now agt. of the Nebraska Elvtr. Co.

Germantown, Neb.—The recently organized Farmers Grain Co. has bot the elvtr. of Voss & Bock.

Norman, Neb.—B. A. Granger has succeeded me as agt. of the Hynes Elvtr. Co.—C. L. Lienhart.

Richland (same as Benton) Neb.—The Farmers Union is considering plans for its proposed elvtr.

Blue Springs, Neb.—Work on the overhauling of the elvtr. of the Farmers Elvtr. Co. is well under way.

Shelby, Neb.—The Shelby Grain Co. has been incorporated with a capital stock of \$15,000. D. C. Cole is sec'y.

Schuyler, Neb.—Work on the overhauling of the plant of the Wells-Abbott-Niemann Co. is well under way.

Memphis, Neb.—I am now mgr. of the Farmers Union Co-operative Ass'n.—W. D. Russell, formerly at Milligan.

Marion, Neb.—The Marion Equity Union took possession July 1 of the elvtr. which it bot from Powell & Nilsson.

Ceresco, Neb.—We are building coal bins with cement floors.—W. Sheppard, Farmers Union Co-operative Ass'n.

Rulo, Neb.—L. L. Coryell is remodeling his warehouse at this station into an elvtr. and installing considerable machinery.

Royal, Neb.—We have a site for an elvtr. and will build if the crops warrant it.—J. T. Fletcher, Fletcher Grain Co., Orchard.

Orchard, Neb.—We have painted and overhauled our elvtr. and it is now in good condition.—J. T. Fletcher, Fletcher Grain Co.

Wauneta, Neb.—The Farmers Equity Union will take possession July 10 of the elvtr. which it bot from the Shannon Grain Co.

Shelby, Neb.—The Farmers Elvtr. Co. is clearing away the elvtr. wreckage and filling the dam pit preparatory to building a coal shed.

Cook, Neb.—The Cook Lumber & Grain Co. incorporated; capital stock, \$30,000; incorporators, J. A. Schoenthal, Albert A. Tanner and others.

Hildreth, Neb.—The Johnson Grain Co., of Holdrege, opened the elvtr. of William Rundberg July 1 which it recently bot. Oscar Florell is in charge.



Murray, Neb.—Albert Wheeler has been appointed mgr. of the Farmers Elvtr. Co.

Orleans, Neb.—I am mgr. of the Orleans Equity Exchange which recently bot. the elvtr., coal sheds and stock yards of George S. Austin.—R. V. Warriner.

Aurora, Neb.—I am now agt. of the Updike Grain Co. The elvtr. is being repaired and put in good shape.—G. A. Peters formerly at Petersburg.

Bertrand, Neb.—Chas. M. Irwin is my successor as agt. at the elvtr. of C. B. Seldomridge.—J. E. Bailey, mgr. Farmers Co-operative Grain Co., Loomis.

Walhill, Neb.—D. A. Aitken is remodeling his elevator and installing a new elvtr. leg and a Van Ness Manlift. The American Supply Co. is furnishing the equipment.

Superior, Neb.—Bossemeyer Bros. have equipped their recently completed terminal elvtr. with the Shinn system of lightning rods manufactured by W. C. Shinn & Co.

Pleasanton, Neb.—The Farmers Grain Co., of Omaha, has bot the lumber business of F. H. Gilcrest Lumber Co. and now controls all the building supply business here.

Exeter, Neb.—We have built new coal bins and a concrete watering trough and fountain for the convenience of our patrons.—S. Manning, mgr. Exeter Elvtr. Co.

Garrison, Neb.—F. S. Blackstone, formerly with the Farmers Elvtr. Co. at Tekamah, has succeeded C. P. Moriarity as mgr. of our company.—Farmers Grain Co.

Milligan, Neb.—I have resigned as agt. of the Lincoln Grain Co. and A. M. Smrha has succeeded me.—W. D. Russell, mgr. Farmers Union Co-operative Ass'n, Memphis.

Kenesaw, Neb.—Frank Gasch is agt. of the elvtr. which we recently took over from the Koehler-Twisdale Elvtr. Co.—Otto Moritz, Farmers Elvtr. & Lumber Co., Prosser.

Grafton, Neb.—The Hynes Elvtr. Co. has added 15 ft. to the height of its elvtr. and is overhauling and repairing all machinery, installing a new engine.—Thos. Purcell, agt.

Brainard, Neb.—C. P. Moriarity, formerly mgr. of the Farmers Grain Co. at Garrison, will now handle the business of the Farmers Elvtr. Co.—Farmers Grain Co., Garrison.

Union, Neb.—The Farmers Union has bot the elvtr. of William Mueller & Son, taking possession July 10. Mr. Mueller will probably remain as mgr. until a permanent one is secured.

Potter, Neb.—Our new elvtr. for which we recently let contract will have a capacity of 25,000 bus. Work was started June 28.—E. J. Fowler, mgr. Farmers Grain & Mfg. Co.

Chappell, Neb.—Work is progressing on the new mill which the Farmers Grain Co. is building in connection with its elvtr.—E. J. Fowler, mgr. Farmers Grain & Mfg. Co., Potter.

Plymouth, Neb.—Burglars entered the office of the elvtr. of Chas. Germer recently and broke into the unlocked safe. They escaped with 24c in stamps, a gun and a pair of shoes.

Giltner, Neb.—Farmers Elvtr. Co. incorporated; capital stock, \$25,000; incorporators, J. C. Springer, D. D. Stewart and others. It has bot the elvtr. of the Central Granaries Co.

Table Rock, Neb.—We will operate the elvtr. and warehouse recently purchased from Butterfield & Co. as the Farmers Educational & Co-operative Ass'n.—R. O. Andrew, mgr.

Hastings, Neb.—Fred Elder, who represents the Aylesworth-Neal-Tomlin Grain Co., of Kansas City, Mo., has added the account of the Cargill Corn's'n Co., of Minneapolis, Minn.

Brule, Neb.—The Farmers Corporation is talking of putting in a small scooping plant this season out have not done anything so far.—O. P. Kilgore, agt. Trans-Miss. Grain Co.

Duncan, Neb.—The Farmers Elvtr. Co. has been organized with a capital stock of \$25,000. Mike Lassek is pres., John Mesising, vice-pres., Henry Blaser, sec'y and Peter Dsichner, treas.

Pierce, Neb.—J. H. & W. A. Boche have purchased the entire stock of the Pierce Elvtr. Co. and the business hereafter will be conducted as a co-partnership under our name.—J. H. Boche, mgr. Boche Bros. Grain Co.

Breslau, Neb.—G. P. Wright, agt. of our elvtr. here for the past 5 years, has resigned and H. C. Lewis, formerly agt. of the McCaull-Webster Elvtr. Co. succeeded him.—J. T. Fletcher, Fletcher Grain Co., Orchard.

Minden, Neb.—G. E. Hotchins, pres. of the Minden Mfg. Co., has bot the Fairmont Roller Mills at Fairmont. He will sell the building and move the machinery here to be used in rebuilding the plant which burned Mar. 19.

Leshara, Neb.—The Farmers Elvtr. Co. will be operated on a co-operative plan after Oct. 1 and the capital stock will be increased to \$20,000. The company operates an elvtr. at Woodcliffe sta. (Fremont p. o.).—E. E. Fetz, mgr.

Finchville, Neb.—The elvtr. which is under construction for the farmers will have a capacity of from 9,000 to 10,000 bus. and will be completed by July 15. It is located on the Union Pac. R. R. and the railroad expects to put in a siding.—X.

Elkhorn, Neb.—The Elkhorn Grain Co. will be incorporated by John G. Seefus and Carl C. Holling. The company will build a new elvtr. to replace the house burned Apr. 16. A rope drive, elvtr. leg, belt and a Van Ness Manlift furnished by the American Supply Co. will be installed.

Yanka sta. (Brainard p. o.) Neb.—C. H. Aldrich, ex-governor of Nebraska, who recently bot the elvtrs. of James Bell & Son, has disposed of the one at this station and at Osceola. He is negotiating for the disposal of the house at David City.

Seward, Neb.—Imig, Graff & Hentzen have completed their new cribbed, iron clad elvtr. The foundations are of heavy concrete with concrete cleaner and dump pits. Equipment includes a Barnard & Leas Cleaner, a 1,500-bu. Richardson Automatic Scale, Hall Distributor and all steel spouting. The house is lightning proof and is operated by electricity. W. H. Cramer had the contract for the building, which was completed a month ago, and is now building a 36x100x65 ft. iron clad alfalfa meal mill for the firm. It will be operated by electricity. The hay cutter has a capacity of 5 tons per hour. The corn rolls take care of 100 bus. per hour. There is 2,000-bus. corn storage besides large product bins, packer and dust collectors, mixers and conveyors. The storage syrup pit has a capacity of 25,000 gallons. The office is built separate from the 2 plants so that either grain or hay can be weighed and go to either building. A heavy galvanized iron spout carries the grain from the head of the elvtr. to the alfalfa meal mill.

#### LINCOLN LETTER.

Lowell Hoyt & Co., of Chicago, Ill., have opened an office in the First National Bank Bldg. with C. T. Peavey in charge.

The Terminal Elvtrs. Co., of Kansas City, Mo., has opened an office in the First National Bank Bldg. with H. F. Leonard as mgr.

We closed our branch office here July 1 and L. W. Frost, mgr., is now traveling for the New Prague Flouring Mills Co., of New Prague, Minn.—Lonsdale Grain Co., Kansas City, Mo.

The enforcement of the new Nebraska grain warehouse law was considered at a conference July 1 between the State Railway Commission and grain dealers. A set of blank forms to be filled in by elevator operators applying for licenses as public warehousemen has been prepared by the Commission. The Crowell Elvtr. Co. will qualify at a few stations; and the Updike Grain Co. will qualify as a public warehouseman at each one of its stations. It is thought that most country grain dealers

will not qualify. The enforcement of the law is left to the Railway Commission. The law became effective July 8 and provides that "Any grain elvtr. or warehouse (other than at terminal points) in which grain is held in storage for a period longer than ten days except when sold on contract for private parties is hereby declared a public warehouse within the meaning of this act." At the conference the meaning of the exception "when sold on contract" was called into question, as to whether this clause exempted elvtrs. receiving grain from farmers who contracted to sell to the proprietor. Assuming that the law is valid every country grain dealer who stores grain more than 10 days must charge 1½ cents per bu. for the first 15 days and 1-30 cent per bu. for each succeeding day; file application for license at \$2 annually; give bonds, and use the form of warehouse receipt prescribed by the Commission. Violation of the act is a misdemeanor punishable by fine of \$50 to \$500.

#### OMAHA LETTER.

Rosenbaum Bros. of Chicago, have opened an office in the Brandeis Bldg. C. M. Replogle is in charge.

O. H. Gibbs, of the Albers & Pollock Corn's'n Co., is the proud father of a bouncing baby boy.

The steel for the new exchange building is up as high as the 7th floor. Office space is in great demand. The Updike Grain Co. has reserved the entire 6th floor.

Because the Nye-Schneider-Fowler Co. did not exercise a provision in a lease contract for an elvtr. on the property of the Great Western Ry. and rebuild within a certain time after the burning of its elvtr., the railroad company cancelled its lease of the grounds. The grain company sued to recover possession in the Douglas county district court and lost its case. The appeal was made to the supreme court, which holds with the lower court.

#### NEW ENGLAND

Winsted, Conn.—A. L. Johnson has bot the grain business of M. D. Leonard & Son.

Hanson, Mass.—Marshall Stetson & Son have retired from the grain business at North Hanson.

Leominster, Mass.—Bowen & Fuller have repaired the damage done when the 2nd floor of their grain store collapsed June 15.

Wakefield, Mass.—Curley Bros., grain dealers at Wakefield Junction, lost their grain and hay shed by fire recently. Loss, \$12,000.

#### NEW MEXICO

Melrose, N. M.—The new elvtr. which Burdick & Stone, of Clovis, will build here, will have a capacity of 5,000 bus.

Clovis, N. M.—Burdick & Stone will build a 50-bbl. flour mill to be operated in connection with their 5,000-bu. wheat elvtr.

#### NEW YORK

Buffalo, N. Y.—The Perry Mill & Elvtr. Co. incorporated; capital stock, \$5,000; incorporators, A. J. Adler, W. C. White and D. W. Peck.

Buffalo, N. Y.—C. S. Anderson is pres. of the recently incorporated Perry Mill & Elvtr. Co. which has its office in the Chamber of Commerce Bldg.

#### NEW YORK LETTER.

Charles E. Milmine has withdrawn from Milmine, Bodman & Co. and the business will be continued by Wm. H. Kemp, Edward C. and Herbert L. Bodman.

Maclaren & Gentles, Inc., will continue the grain exporting and importing business of the firm of Maclaren & Gentles, which has been discontinued and is now in liquidation.

P. C. Clausen, of the Simonds-Shields Grain Co., and Harry L. Langenberg, of Langenberg Bros. & Co., St. Louis, Mo., have been admitted to membership and Thomas W. Watson, representing the Hancock Grain Co. of Philadelphia, Pa., has applied for membership in the Produce Exchange.



E. Pfarrius, who has been practically out of the grain business for several months on account of illness, is reported to be considerably improved.

The pres. and board of mgrs. of the Produce Exchange have appointed the following com'tes to serve during the ensuing year—Grain: A. C. Field, chairman; H. G. Graff, Kenneth J. Muir, Louis G. Leverich, Edwin W. Elkins. Delivery of warehouse grain: William C. Mott, chairman; Walter B. Pollock, Charles A. Robinson. Carlot (grain): William J. Brainard, chairman; R. G. Brandt, Otto Keusch, B. A. Allen, Edwin A. Barnes. Grain commission rules: Frank I. Maguire, chairman; C. Walton Andrus, Stephen J. Hill, Jr., T. Harry Story and J. H. Bowne.

## NORTH DAKOTA

Agate, N. D.—Oswald Egeland is now mgr. of the Farmers Elvtr. Co.

Menoken, N. D.—The farmers are considering the erection of an elvtr.

Turtle Lake, N. D.—The Equity Elvtr. & Trading Co. will build a lumber shed.

Arthur, N. D.—Electric lights have been installed in the elvtr. of the Farmers Elvtr. Co.

Kelso, N. D.—The Equity Elvtr. & Trading Co. has completed its new flour warehouse.

Linton, N. D.—The Farmers Co-operative Elvtr. Co. will incorporate and build an elvtr.

Tolley, N. D.—Work has been started on the new 40,000-bu. elvtr. of the Farmers Elvtr. Co.

Willow City, N. D.—A. L. Tennis has resigned as agt. of the St. Anthony & Dakota Elvtr. Co.

Hillsboro, N. D.—Harry Argal has resigned as mgr. of the Equity Elvtr. & Trading Co.

Bismarck, N. D.—A bill has been passed providing for the use of convicts upon county roads.

Fargo, N. D.—We have closed our office at this point.—Quinn-Shepherdson Co., Minneapolis, Minn.

Sanborn, N. D.—The Farmers Co-operative Elvtr. Co. has been incorporated with a capital stock of \$15,000.

Valley City, N. D.—The plant of the Russell-Miller Mlg. Co. is undergoing repairs. New flooring is being laid.

Ollie, N. D.—The Occident Elvtr. Co. of Minneapolis, has let contract for a 40,000-bu. elvtr. to T. E. Ibberson.

Lawton, N. D.—The recently incorporated Lawton Grain Co. is open for business with James Gorecke as mgr.

Strasburg, N. D.—The Farmers Elvtr. Co. has been incorporated and will erect an elvtr. to handle the 1915 crop.

Driscoll, N. D.—K. A. Ersland has been retained as mgr. of the Equity Grain & Mercantile Co. for another year.

Galva, N. D.—The Occident Elvtr. Co., of Minneapolis, Minn., has let contract for a 40,000-bu. elvtr. to T. E. Ibberson.

Willow City, N. D.—The recently incorporated Farmers Elvtr. Co. has completed arrangements for the erection of an elvtr.

Reynolds, N. D.—Work is progressing on the new elvtr. of the Reynolds Farmers Elvtr. Co. T. E. Ibberson has the contract.

Chaseley, N. D.—Work is progressing on the new 12,000-bu. elvtr. of the F. M. Cook Elvtr. Co. T. E. Ibberson has the contract.

Solen, N. D.—The new elvtr. under construction for the Winter-Truesdell-Ames Co., of Minneapolis, Minn., is almost completed.

Derrick, N. D.—I am now buying for the Farmers Elvtr. Co.—J. H. Widness, formerly mgr. Farmers Shipping & Supply Co., Edmore.

Temvik, N. D.—Material is arriving for the 30,000-bu. elvtr. for which the Farmers Elvtr. Co. has let contract to T. E. Ibberson.

Wimbledon, N. D.—The rebuilding and remodeling of our elvtr. will be completed to handle the coming crop.—R. Clendenning & Co.

Ypsilanti, N. D.—Contract for an elvtr. as an addition to its present plant has been let by the Farmers Elvtr. Co. to T. E. Ibberson.

Sentinel Butte, N. D.—Work will be commenced soon on a flour mill to be operated in connection with the elvtr. of the Farmers Elvtr. Co.

Kelso, N. D.—The National Elvtr. Co. has made general repairs on its elvtr. and replaced the foundation. T. E. Ibberson did the work.

Temvik, N. D.—Farmers Elvtr. Co. incorporated; capital stock, \$10,000; incorporators, L. H. Harwood, Anton Larson and David Colquhoun.

Greene, N. D.—The Minnesota Elvtr. Co., of Minneapolis, Minn., has let contract for a 30,000-bu. elvtr. to T. E. Ibberson. Work has been started.

Cando, N. D.—The Cando Elvtr. Co. has secured a site on the Great Northern right-of-way and will commence the erection of a flour and feed mill.

Wyndmere, N. D.—The Farmers Elvtr. Co. will build a larger elvtr. next spring, near the site of its present house, with modern facilities for handling grain.

Dickinson, N. D.—The preliminary work to the installation of a sprinkler system in the plant of the Russell-Miller Mlg. Co., which operates a large elvtr. here, has been done.

Hillsboro, N. D.—I have not decided definitely whether or not I will engage in the grain business on my own account.—J. S. Broberg, formerly mgr. Farmers Elvtr. Co., Adams.

Farmington, N. D.—Albert Olson, of Dwight, took my place as agt. of the Monarch Elvtr. Co. The company has no agt. now at Dwight.—Robert J. Haas, agt. at Darwin, Minn.

Hurdsfield, N. D.—The Hurdsfield Mlg. Co. has been incorporated with a capital stock of \$25,000 by J. F. McKinney, J. D. Kerr and A. H. Rux and has bot the elvtr. of the Andrews Grain Co.

South Heart, N. D.—The Farmers Grain Co. organized and bot the Powers Elvtr. for \$6,000, taking possession July 1. J. W. Wysocki, who has been agt. of the Occident Elvtr. Co., is mgr.

Pisek, N. D.—E. Nelson is agt. of the Lybeck Grain Co. which recently acquired the elvtr. of the Pisek Grain Co. here. The head office is at Conway.—John J. Kadlec, former mgr. Pisek Grain Co.

Tioga, N. D.—We have installed a new Richardson Separator and are now in good shape to take care of the new crop. We will hereafter clean our seed grain.—E. E. Strom, mgr. Farmers Elvtr. Co.

Thompson, N. D.—Contract for a 50,000-bu. elvtr. has been let by the Farmers Elvtr. Co. to T. E. Ibberson. The present house is being wrecked and some of the material will be used in the new elvtr.

Prosper, N. D.—A few farmers have started the erection of a 30,000-bu. elvtr. which they will operate as the Farmers Elvtr. of Prosper. It will be in no way connected with our company.—Equity Elvtr. & Trading Co.

Schaible sta. (Warren p. o.), N. D.—We are giving our elvtr. a general overhauling and installing a large Richardson Wheat and Oat Separator. We expect to be in fine shape to handle the coming crop.—C. L. Olson, mgr. Independent Grain Co.

Hampden, N. D.—We will build a flour and twine house and probably enlarge our office this year. I was formerly agt. of the St. Anthony & Dakota Elvtr. Co. and the company has no one in my place at present.—A. M. Haugen, mgr. Farmers Elvtr. Co.

Glenburn, N. D.—The recently incorporated Midway Co-operative Elvtr. & Mlg. Co. is not connected with our company. It has asked for bids on an elvtr. to be built between this station and Deering.—J. J. McLean, mgr. Glenburn Farmers Elvtr. Co.

Conway, N. D.—Gust J. Lybeck, of Tuttle, and his brother, Carl J., who recently bot the elvtrs. of the Pisek Grain Co., at Pisek, Park River and Conway, will operate the 3 elvtrs. in connection with the one at Tuttle, under the name of the Lybeck Grain Co. with E. Nelson as mgr.

Gardner, N. D.—The Gardner Grain Co. has been incorporated with J. W. Dynes as pres., H. J. Gowenlock, vice-pres., R. F. Gunkelman, sec'y and H. W. Reynolds, treas. and mgr. The company has bot the elvtr. of the Minneapolis & Northern Elvtr. Co. which has been operated by the Buxton Grain Co. for the past year and a half.

Hartland, N. D.—We are overhauling our elvtr., putting in a double leg, new rope drive, belts and a new foundation under the house. We are also installing a large Richardson Wheat and Oat Separator and replacing our Richardson Automatic Scale with a larger one of the same make. We will be in good shape to handle the coming crop.—J. L. Williams, mgr. Farmers Elvtr. Co.

Leeds, N. D.—The 55,000-bu. elvtr. of the Farmers Co-operative Elvtr. Co. was struck by lightning June 28 and entirely destroyed in the resultant fire. The bolt struck the top of the cupola and, as the blaze was too high for the fire hose to reach, the fire made rapid headway. The coal sheds and those of the Imperial Elvtr. Co. were also destroyed. Report states the elvtr. will be rebuilt.

Anamoose, N. D.—The elvtr. of the Farmers Elvtr. Co. was struck by lightning June 26. It was not noticed and the fire, resulting, was not discovered until several hours later. At that time the fire had a good start in one of the bins and it was several hours before it was extinguished. The damage was about \$1,000, covered by insurance. The elvtr. was erected at a cost of \$25,000 and the insurance, which had recently expired, had not been renewed.

Fargo, N. D.—The Equity Co-operative Exchange case has been put over until the September term of district court. The proceedings for a month past have been in the nature of a preliminary hearing with 2 issues involved, one the appointment of a temporary receiver and the other the issuance of a temporary restraining order against the officers of the exchange. Judge C. A. Pollock declined to appoint a temporary receiver, holding that the interests of the patrons of the exchange would not be in jeopardy before the determination of the action at the hearing in September.

## OHIO

Ada, O.—J. D. Judkins is mgr. of the Ada Grain Co.

Williston, O.—The farmers are making an effort to establish an elvtr.

Burkettsville, O.—We are out of the elvtr. and grain business.—S. S. Earhart Grain Co.

Campbelltown, O.—W. C. Swisher will install a Boss Air Blast Car Loader in his elvtr.

Cavett, O.—We have a scoop shoveler at this station.—Northern Grain Co., Van Wert.

Painesville, O.—The Painesville Elvtr. Co. will install a grinder and separator in its plant.

Portsmouth, O.—P. H. Harsha is installing a complete steam plant in his power house.

Valley City, O.—C. Frank & Steck is the only firm regularly engaged in the grain business here.

Utica, O.—We are building an elvtr. at this station.—Geo. Lazear, mgr. Mount Vernon Hay Co.

East Liberty, O.—We have remodeled our elvtr.—Johnston & Harvey, successors to John R. Johnston.

Hamler, O.—We sold our grain business here to G. O. Cruikshank.—DeBolt & Niswonger, Monroeville, Ind.

St. Marys, O.—The office of the Lock Two Grain & Mlg. Co. was entered by burglars recently but nothing of value was taken.



Castalia, O.—John H. Parker will put in one 15-h.p. electric motor to run his elvtr. and a 30-h.p. motor to run his feed mill.

Blanchester, O.—A company is scooping corn here. It has no money invested.—Agt. Grimes-Stritmatter Grain Co., Lucasville.

McMorran sta. (Bellefontaine p. o.), O.—I have purchased the elvtr. of Grant McMorran, taking possession July 1.—F. E. Badgley.

Columbus, O.—The recently organized Central Grain & Mfg. Co. has taken over the business of the defunct Central States Mfg. Co.

Highland, O.—Report states a scoop shoveler will scoop grain this year. I am the only regular dealer at this station.—James Adams.

Kenton, O.—W. S. Snyder, who recently bot the Brick Mill and a 20,000-bu. elvtr., has completed the overhauling and repairing of the plant.

Kansas, O.—A regular grain dealer at another station is scooping grain here. We are the regular grain dealers here.—G. B. Copley, agt. Ash & Ash.

Rosburg, O.—We have built new coal sheds and installed a new boiler in our elvtr. We operate the only elvtr. at this station.—G. E. Brown, mgr. Buckland Mfg. Co.

Dixon, O.—I bot a half interest in the Dixon Grain Co. from W. C. Long and after July 1 will operate the elvtr. with E. C. Marshall as Long & Marshall.—D. W. Long, Convoy.

Piqua, O.—My new 20,000-bu. iron clad elvtr. has been completed. Equipment includes 12-ton scales, a corn cleaner, 12-in. belt, 6x12 in. buckets and 2 elvtr. legs. I am using gas for power.—C. N. Adlard.

Kirkwood, O.—The Kirkwood Grain & Supply Co. has succeeded the Kirkwood Grain Co. The new company is incorporated for \$25,000 by L. L. Knoop, J. B. Denise, J. E. Wells, J. Caven and J. B. Lehman.

Brown sta. (Rex p. o.), O.—J. A. Brubaker & Son are operating their elvtr. here as in the past. The Tippecanoe Mfg. Co. only has an option on the plant and it was never in its possession as was erroneously reported recently.—E. I. N.

Cygnat, O.—H. Lilly, who has been mgr. of the Cygnat Grain & Hay Co., retired July 1 on account of ill health. W. C. Schroeder, who has been asst. mgr., will succeed him. The company has built a new iron clad office and warehouse.

Wooster, O.—The Gray & Smith Mfg. Co., which recently incorporated, will take over the elvtrs. and warehouses of Gray & Smith here and at Shreve. Ad. G. Smith is pres. and Miss Anna Diehl, sec'y-treas. C. M. Gray will retire from active business.

Defiance, O.—We have succeeded the old Defiance Grain & Mfg. Co. Garver & Co. are not a grain firm but are in the grocery business in East Defiance. The Farmers Grain Co. is the other grain dealer at this station, situated on the B. & O. R. R.—Farmers Co-operative Co.

Fletcher, O.—Geo. W. Pence is pres., J. F. Caven, vice-pres. and I am sec'y-treas. of the Fletcher Grain & Supply Co. which took over the elvtr. of the Spencer-Furrow Co. here. The Spencer-Furrow Co. still owns and will continue to operate the elvtrs. at Piqua and Farrington.—C. L. Berryhill.

Fremont, O.—M. J. Wolfe, a member of Wolfe Bros. Elvtr. Co., assumed the management July 1 of the elvtr. which the Peoples Elvtr. & Supply Co. purchased from Wolfe Bros. It will operate this elvtr. until spring when a 25,000-bu. house will be erected on part of the site of the present building.

Convoy, O.—W. C. Long, senior member of Long & Long, wishing to retire from active business, has disposed of his interest in the firm of E. C. Marshall, and his interest in the Dixon Grain Co. to D. W. Long, who, under the name of Long & Marshall, will operate the elvtrs. here and at Dixon after July 1.—D. W. Long.

Savona, O.—I now own and operate the elvtr. here on the C. N. Ry., formerly owned by DeBolt & Niswonger.—J. C. Cole.

Cincinnati, O.—We are indebted to Supt. Wm. C. Culkins for a copy of the 66th annual report of the Chamber of Commerce and Merchants Exchange. The report is complete in every way and is handsomely illustrated with pictures of the Fernbank Dam, colleges and halls of music, bathing beaches, bridges, etc. The usual list of officers, both for 1915 and since the organization was formed, is given with lists of com'tes, members, etc. Statistics covering receipts and shipments of grain, a grain trade review, range of prices, etc., are of interest and value to the reader. The rules, regulations and by-laws of the exchange are also given in full.

Tippecanoe City, O.—On account of some misunderstanding about the mill property being taken over by the old board of directors of the Tippecanoe Mfg. Co. subject to mortgages which the new board knew nothing of, and because of the irregular and illegal method used in making the board 9 in number in place of 5, the discouraging condition culminated in the resignation of Sumner Senseman, H. J. Brubaker, Geo. A. Fry and Edward Martindale as directors. Mr. Senseman also resigned as vice-pres. and Mr. Brubaker as general mgr. At this time a movement is on foot to readjust matters and it is hoped all will end well as this enterprise has been looked upon with great favor by the citizens and the farming community in this vicinity.—E. I. N.

## OKLAHOMA

Wakita, Okla.—Tom Keny is erecting a 20,000-bu. elvtr. here.

Supply, Okla.—I am mgr. of the Cress & Robinson Grain Co.—P. B. Loftus.

Aline, Okla.—A scoop shoveler will operate at this station this season.—J.

Burbank, Okla.—J. K. Mitchell is talking of building an elvtr.—W. T. Conklin Grain Co.

Vici, Okla.—The Farmers Grain & Supply Co. will enlarge its elvtr.—Olden Pierce, mgr.

Gate, Okla.—Ray Foresman is now mgr. of the Gate Mercantile & Grain Co., which recently bot an elvtr.

Okeene, Okla.—The Thomas Mfg. Co. has installed a new engine in its elvtr.—Bert Story, agt. at Isabella.

Drummond, Okla.—A large elvtr. is being erected on the farm of A. Coleman, 7 miles northeast of this station.

Enid, Okla.—The Enid Mill & Elvtr. Co. has placed F. A. Miller in charge of its new elvtr. recently completed.

Hardy, Okla.—We have leased the 10,000-bu. elvtr. of H. D. Towner.—Binding Stevens Grain & Seed Co., Tulsa.

Guyton, Okla.—Work is progressing on the new 25,000-bu. elvtr. of J. W. Jordan now in course of construction.

Cambridge, Okla.—W. Miltenberger is building an elvtr.—W. L. Chalfant, Chalfant-Nelson Grain Co., Hobart.

Bushyhead, Okla.—We have leased the 12,000-bu. elvtr. of Wm. Major.—Binding Stevens Grain & Seed Co., Tulsa.

Foyil, Okla.—We have leased the 10,000-bu. elvtr. of the Foyil Elvtr. Co.—Binding Stevens Grain & Seed Co., Tulsa.

Hammon, Okla.—The Thomas Mill & Elvtr. Co. is repairing its elvtr.—J. D. Hall, mgr. Rogers Mills Co-operative Ass'n.

Oklahoma City, Okla.—We have leased our elvtr. to J. Sydney Smith of Kansas City, Mo.—J. C. Pearson, Pearson & Hayton.

Davidson, Okla.—The Davidson Grain Co. incorporated; capital stock, \$5,000; incorporators, Marion W., Cora and Tom P. Donahoo.

Pond Creek, Okla.—A. B. Minshall, of Eagle Lake, Tex., has been appointed mgr. of our company.—Farmers Grain, Fuel & L. S. Co.

Caddo, Okla.—The Caddo Mfg. Co., a branch of the Shawnee Mfg. Co., has purchased the plant of the Katy Mill & Elvtr. Co.

Faxon, Okla.—The new 10,000-bu. elvtr. of the Faxon Grain & Elvtr. Co. is finished. The machinery was furnished by the Mideke Mfg. Co.

Vera, Okla.—Our new 9,000-bu. elvtr., located on the A. T. & S. F. R. R., will be completed July 20.—C. W. Richardson, mgr. Vera Grain Co.

May, Okla.—The recently organized Farmers Co-operative Elvtr. Co. has leased the elvtr. of Bouquet & Ludwick with a buying privilege.

Tishomingo, Okla.—I have built two 14x55 ft. warehouses to handle the corn crop so arranged that I can add an elvtr. later.—J. B. Hutchens.

Roff, Okla.—We expect to open our elvtr. here at harvest time. It has been closed since the first of the year.—Denison Mill & Grain Co., Denison, Tex.

Altus, Okla.—J. A. Walker, of Walker, Lowe & Hughes, has repaired the elvtr. of the Altus Alfalfa Mill Co. and will buy wheat and oats this season.

Ramona, Okla.—The Binding Stevens Seed & Grain Co. will operate the 12,000-bu. elvtr. of the Ramona Grain & Elvtr. Co. this season under lease.

Fay, Okla.—The Wheeler Bros. Grain Co., of Weatherford, has bot our elvtr. at this point. Will Randle will be in charge.—R. F. Cummings Grain Co., Enid.

Supply, Okla.—We have purchased the 8,000-bu. elvtr. of Roy Sapington on the W. F. & N. W. R. R.—J. B. Hisey, sec'y-treas. Farmers Co-operative Ass'n.

Cordell, Okla.—We have just completed a 10,000-bu. elvtr. and leased same to the Chalfant-Nelson Grain Co., who will operate it.—Baker Cotton Oil Co., Hobart.

Gould, Okla.—The Sheppard Elvtr. Co. is arranging to build an elvtr. here and at Duke. Work will be started as soon as the leases are obtained.—J. M. Sheppard, Aline.

Goodwell, Okla.—Excavation has commenced for the 15,000-bu. elvtr. of the Liberal Elvtr. Co., of Hutchinson, Kan. This will be the first elvtr. located at this station.

Seminole, Okla.—We will operate our new 8,000-bu. elvtr. on the C. R. I. & P., which is just completed, at the Seminole Mill & Elvtr. Co.—Frank J. Van Buskirk, mgr.

Coweta, Okla.—The machinery is being installed in the new 10,000-bu. elvtr. of Gill & Fox. Mr. Fox will manage the elvtr. and Mr. Gill will have charge of the mill and feed store.

Hooker, Okla.—The Liberal Elvtr. Co. is remodeling its elvtr. by installing two dumps and extending the driveway. The Burrell Engineering & Construction Co. is doing the work.

Erick, Okla.—The Canadian Mill & Elvtr. Co. will build a 20x50 ft. warehouse and a new office to replace the one burned May 17. New automatic scales will be installed and the elvtr. will be painted.

Capron, Okla.—We have succeeded the Aetna Mill & Elvtr. Co. O. F. Throckmorton is pres.; C. J. Funk, vice-pres.; Chas. Curran, sec'y, and W. W. Fulkerson, mgr.—Farmers Grain & Coal Co.

Kremlin, Okla.—The new 12,000-bu. elvtr. of the Farmers Elvtr. Co. has been completed. The building is frame, covered with galvanized iron. The pit has been built of cement so as to be ratproof.

Billings, Okla.—Thorp Bros. Grain Co., of Garber, has bot the elvtr. of Dan Neil, Mr. Neil retiring from the grain business. I was mgr. of the company's elvtr. at Garber and will hereafter be mgr. here.—L. L. Thorp.

Sentinel, Okla.—The Orient Coal & Grain Co. is excavating for a new elvtr. which will be built near its present buildings. The house will be 16x30 ft. and 3 stories high and will be equipped with up-to-date machinery.



Isabella, Okla.—Bert Story, of Lahoma, is agt. of the Thomas Mlg. Co.

Hobart, Okla.—We have taken over the interests of the late E. W. McCormick in the elvtr. of E. W. McCormick & Co. The building has been painted and necessary repairs made.—W. L. Chalfant, Chalfant-Nelson Grain Co.

El Reno, Okla.—The management of the El Reno Mill & Elvtr. Co. held a conference recently with the company's agents from 11 country stations. The harvesting and handling of grain was discussed. An auto ride and banquet followed.

Jet, Okla.—We have installed a Richardson Automatic Scale in our recently acquired 10,000-bu. elvtr. on the Santa Fe, which has a corn grinding plant in connection. M. Overton is mgr.—B. Overton, S. R. Overton & Sons, Hennessey.

Hominy, Okla.—The Hominy Elvtr. has been overhauled and placed in good running condition, preparatory to handling the large crop. Page Bros. have purchased the I. B. Speicher Elvtr. & Warehouse.—Oscar K. Petty, vice-pres. Hominy Bank.

Capron, Okla.—The new 20,000-bu. elvtr. and mill, which have just been completed, are owned and operated by W. J. and O. F. Cameron under the name of the Capron Mill & Elvtr. Co. A 40-h.p. Fairbanks-Morse Engine has been installed.—X.

Weatherford, Okla.—The Wheeler Grain Co. is making extensive improvements. The old corn crib has been wrecked and the concrete foundation laid for a new one. The company is also putting a concrete foundation under its wagon scales and coal bins.

Dewey, Okla.—The Rea-Patterson Mlg. Co., of Coffeyville, Kan., will operate the plant of H. S. Hobart, formerly known as the Dewey Mill & Elvtr. Co., under lease. The plant will be remodeled and extensive improvements made. E. S. Cousino will act as buyer.

Texhoma, Okla.—The Cator & Douglas Grain Co. has let contract for a 15,000-bu. studded elvtr. covered with iron to the Burrell Engineering & Construction Co. Equipment includes a Richardson Automatic Scale, and Fairbanks Morse Engine and Wagon Scale.

Cleora, Okla.—The Cleora Grain Co. incorporated; capital stock, \$5,000; incorporators, Oscar Dow, Carl Rogers and myself. The 8,000-bu. elvtr. under construction is about half completed. Equipment includes a Richardson Automatic Scale and a 12 h. p. engine.—E. M. Worl, formerly at Perkins.

Hennessey, Okla.—We are operating the 6,000-bu. elvtr. of the Farmers Elvtr. Co. on the C. R. I. & P. under lease and will have our headquarters here, with S. R. Overton as mgr. We are negotiating for 3 other elvtrs. A Richardson Automatic Scale has been installed in the elvtr. here.—B. Overton, S. R. Overton & Sons.

Miami, Okla.—We have installed a large corn sheller, cleaner, 2 new dumps, elvtr. legs and a manlift in our elvtr. and have established an office for the purpose of buying and selling track grain in Missouri, Kansas, Oklahoma, Arkansas and Texas. We will also handle export account when the new wheat and oat harvest commences.—E. D. Morris, sales mgr. Miami Flour & Feed Co.

## OKLAHOMA CITY LETTER.

M. E. Sherman, formerly with the Oklahoma City Mill & Elvtr. Co., is now associated with C. Y. Semple.

Morris Erdwurm, formerly a grain dealer at Hobart, has engaged in the grain business on his own account with offices in the Insurance Bldg.

The weight agreement between the railroads and the grain shippers as adopted by the Oklahoma Grain Dealers Ass'n and published in full on pages 726-727 of the Grain Dealers Journal for May 25 has been sent out to members in a leaflet by C. F. Prouty, sec'y.

## OREGON

Hillsboro, Ore.—We are installing a new attrition mill and grain separator in our new elvtr. and feed mill.—C. B. Buchanan & Co.

Portland, Ore.—The \$900,000 bond issue for the proposed 1,000,000-bu. elvtr. was not placed on the ballot at the election held early in June, so the construction of the elvtr. will go over until next year.—G. B. Hegardt, sec'y, Commission of Public Docks.

## PENNSYLVANIA

Irwin, Pa.—I. Figli Co. has been incorporated under Delaware laws to handle grain and flour.

### PHILADELPHIA LETTER.

A. B. Porter, formerly with the Philadelphia Flour, Grain & Feed Co., is now associated with I. S. Stover.

Josiah Phillips has engaged in the grain and feed business in the Bourse Bldg. He has been admitted to membership in the Commercial Exchange.

New rugs, tables, bulletin boards and other improvements are being added to the grain floor of the Commercial Exchange and the old furniture removed.

Fred Boyd, grain, feed and hay dealer of Camden, N. J., has been admitted to membership in the Commercial Exchange. He was formerly a member of Rogers & Boyd of Mount Holly, N. J.

### PITTSBURGH LETTER.

Joseph Lehner has applied for membership in the Grain & Hay Exchange.

The Grain & Hay Exchange held its annual outing June 29, at Wexford. The trip was made in trolley cars over the Pittsburgh & Harmony Line. The afternoon was given over to a baseball game and athletic sports. Supper was served in the Wexford Hotel and in the evening the grain dealers were entertained with vaudeville in the hotel.—H.

Standing com'ites have been appointed by the new administration of the Grain & Hay Exchange as follows: Grain: A. J. Gosser, R. V. Harper and R. S. Martin. Terminal elvtr. & warehouse: J. A. A. Geidel, R. S. McCague, D. G. Stewart, R. V. Harper, T. J. Elwood and C. A. Foster. Scales and weighing: Jos. C. Moore, J. A. Clark and Jos. A. McCaffrey. Arbitration: Jos. A. McCaffrey, Jos. C. Faloon, R. P. Floyd, A. H. Sunshine, W. J. Mahood, Davis N. Glass, George Schnellbach, Geo. R. Vallowe, William Beehner, Charles Bennett, F. P. Booth, Chas. Kellner, L. D. Shearer, C. A. Foster and John A. Moore.

## SOUTH DAKOTA

Stratford, S. D.—W. A. McCaughy will build an elvtr. on his farm.

Plankinton, S. D.—The Farmers Elvtr. Co. has extended its dump 4 ft.

Bowdle, S. D.—The Farmers Elvtr. Co. has hired Henry Bauder as mgr.

Brookings, S. D.—Geo. P. Sexauer & Son are remodeling their mill into an up-to-date elvtr.

Milbank, S. D.—The Farmers Elvtr. Co. contemplates the installation of a dust collector.

Bridgewater, S. D.—A. T. Hillmer has been retained as mgr. of the Farmers Elvtr. Co.

Winfred, S. D.—Wm. McCloud has succeeded B. J. Oyan as mgr. of the Farmers Elvtr. Co.

Erwin, S. D.—The Farmers Elvtr. Co. has installed a Hall Signaling Distributor in its elvtr.

Salem, S. D.—Anton Lowe has resigned as agt. of the Hoese & Lueth Grain Co., effective July 1.

De Smet, S. D.—E. N. Morgan became mgr. of the Farmers Elvtr. Co., July 1, succeeding F. W. Wright.

Egan, S. D.—I will operate the elvtr. I recently bot at this station as the Glow Grain Co.—James H. Glow.

Peever, S. D.—O. A. Rudning has purchased an elvtr. here.

Geddes, S. D.—The Farmers Co-operative Elvtr. Co. has reopened its elvtr. with Frank Humphrey in charge.

Pollock, S. D.—I have built coal sheds which will be operated in connection with my grain business.—L. Dornbush.

Sioux Falls, S. D.—We do not contemplate the erection of any buildings at present.—Madison Mill & Grain Co., Madison.

Groton, S. D.—The Atlas Elvtr. Co. has completed repairs on its elvtr. and built a new coal shed. T. E. Ibberson did the work.

Mina, S. D.—The Mina Equity Exchange incorporated; capital stock, \$25,000; incorporators, Frank Schwab, Geo. C. King and others.

Bridgewater, S. D.—Work has commenced on the 50,000-bu. elvtr. which John M. and Matt M. Hofer are building on the old mill site.

Faultkton, S. D.—The recently organized Farmers Elvtr. Co. let contract for a 25,000-bu. elvtr. Charles Bower is pres. of the company.

Madison, S. D.—Horace T. McCord is in charge of the grain, coal and flour business which Fred L. McCord & Son purchased from W. Z. Sharp.

Madison, S. D.—The German Grain Co., of Sioux Falls, has bot the elvtr. of the Jones Grain Co. which has not been in operation for some time.

Ferney, S. D.—The Atlas Elvtr. Co. has repaired its elvtr. The Eagle Roller Mills Co. has completed repairs on its elvtr. T. E. Ibberson did the work.

Sioux Falls, S. D.—The W. Z. Sharp Elvtr. Co. incorporated; capital stock, \$15,000; incorporators, Waldo Z. Sharp, R. B. Meldum and George H. Edwards.

Bradley, S. D.—Fred McGovern, formerly mgr. of the Farmers Elvtr. Co. at Burch, will be manager for the Farmers Elvtr. Co. here. He recently joined the army of benefactors.

Sioux Falls, S. D.—George A. Rau, who has been representing the Merchants Elvtr. Co. in Iowa, has moved his residence to this city and will represent the Davenport and Minneapolis offices.

Milbank, S. D.—I bot the 25,000-bu. elvtr. from the Sisseton Loan & Title Co. and will remodel it and build a coal shed on the C. M. & St. P. Ry. I will operate under my own name.—F. A. Croal.

Thomas, S. D.—Ed. Sherin, mgr. of the Farmers Elvtr. Co. for several years, has bot a half interest in the elvtr. of Thomas McBath which will now be operated as the McBath & Sherin Elvtr. Co. with headquarters at Watertown. Mr. Sherin will be in charge here. I have succeeded him as mgr. of the Farmers Elvtr. Co.—H. J. Hymes.

Farmer, S. D.—George Rooster, mgr. of the Farmers Elvtr. Co., narrowly escaped instant death recently. While engaged in starting the gas engine, the skirts of the light overcoat he was wearing became entangled in the machinery, throwing him against the ceiling of the engine room with such violence as to partially loosen his scalp and render him unconscious. Twenty-five stitches were taken in his scalp and his condition is reported to be improving.

## SOUTHEAST

Tampa, Fla.—E. E. Freeman, pres. of the E. E. Freeman Co., has announced that "E. E. Jr." has arrived.

Richmond, Va.—E. P. Cox, of Simpson-Bass & Co. has returned from an extended trip in the west.—B.

Richmond, Va.—At the annual election of the Grain Exchange, June 28, George Mayo was elected pres. and H. G. Carter, vice-pres.—W. G. Bragg.

Richmond, Va.—J. A. Tate & Son, of Greensboro, N. C., have opened an office in this city and propose to conduct a wholesale shipping business.—B.



Lynchburg, Va.—Clyde Jennings, of T. A. Jennings & Sons, joined the army of benedicts June 29.

Wilmington, Del.—We are making some changes to give us more floor space in our elvtr. where we expect to install some additional machinery for cracking wheat and corn for mixing poultry feed.—Philips-Thompson Co.

Winston-Salem, N. C.—The South Side Roller Mills will build 4 reinforced concrete storage bins. The Burrell Engineering & Construction Co. has the contract. The Farmers Union Agency Co. has let contract for an elvtr. and warehouse which will cost about \$12,000.

Shannon, Miss.—W. B. Redus & Sons are building a 7,000-bu. elvtr. which will be completed in time to handle this year's corn crop. The plant will be equipped with the latest machinery and will be able to shell from 2,500 to 3,000 bus. of corn daily. They expect to handle about 300,000 bus. this season.—B.

Atlanta, Ga.—W. H. Vannerson, who has for several years handled the grain and feed end of our business, died June 17. He was taken ill on June 3, his physician pronouncing his illness typhoid fever, but complications set in and his death resulted from congestion of the brain.—F. C. Everett, J. H. Everett & Son.

## TENNESSEE

Nashville, Tenn.—The O. L. Jones Mill & Elvtr. Co. has increased its capital stock from \$50,000 to \$100,000.

Memphis, Tenn.—S. N. Minor, formerly at Kansas City, Mo., and Chicago, Ill., will hereafter manage the Zimmerman Brokerage Co.

Bridgeport, Tenn.—The plant of the Bridgeport Mill & Elvtr. has been remodeled and new machinery installed. C. M. Dodson is now mgr.

Fayetteville, Tenn.—We have installed new machinery, consisting of bolters, cleaners, packers, etc., at an expenditure of \$2,500.—Fayetteville Mfg. Co.

Greenwood, Tenn.—If some action is not taken by the creditors, W. L. Talley, receiver of the Greenwood Mill & Elvtr. Co. of Nashville, who offered the mixing plant for sale, will dispose of it as old metal.

Nashville, Tenn.—The Hermitage Elvtr., which is owned by our company but has been leased to Chas. D. Jones & Co. for the last 18 months, will be operated by us after July 1 as a public elvtr. We have installed an oats bleacher in the plant.—P. W. Pritchard, pres. Nashville Terminal Realty Co.

## TEXAS

Hoover, Tex.—I am building an elvtr.—C. A. Johnson.

Vernon, Tex.—I am handling grain in car lots.—J. A. Cox, J. A. Cox Grain Co.

Farmersville, Tex.—The Collier & Rike Grain Co. has succeeded the W. G. Rike Grain Co.

Vega, Tex.—The farmers are building an elvtr. at this station.—Wildorado Elvtr. Co., Wildorado.

Tulia, Tex.—W. A. Porter, prop. of an elvtr. at Kress, will build a 10,000-bu. house at this station.

Galveston, Tex.—The recently completed Southern Pacific Elvtr. will be in charge of J. F. Ryder.

White Deer, Tex.—C. A. Johnson is not building an elvtr. at this station as has been reported.—X.

Sherman, Tex.—The capital stock of the G. B. R. Smith Mfg. Co. will be increased from \$100,000 to \$200,000.

Temple, Tex.—Sunset Mfg. Co., incorporated; capital stock, \$60,000; incorporators, L. Renshaw, S. A. and D. F. Lillard.

Harrold, Tex.—J. B. Ferguson is building an elvtr. on the Ft. Worth & Denver City R. R.—J. A. Cox Grain Co., Vernon.

Howe, Tex.—We have purchased the 200,000-bu. elvtr. of the Paul Bean Grain Co.—G. B. R. Smith Mfg. Co., Sherman.

Pharr, Tex.—Construction work has been started on the new elvtr. of the Pharr Mfg. & Elvtr. Co. which will cost about \$25,000.

El Campo, Tex.—I Weaver has purchased the elvtr. of the Farmers Elvtr. Co. and will use it for feed and for storing rice.

Hillsboro, Tex.—L. F. Bell will act as buyer for the Wichita Mill & Elvtr. Co., of Wichita Falls, Tex., during the harvest season.

Hamilton, Tex.—We expect to have our new 50,000-bu. storage addition ready for grain about July 15.—Hamilton Mill & Elvtr. Co.

Medicine Mound, Tex.—The Orient Mfg. Co. is building elvtrs. at this station and at Margaret on the Orient.—J. A. Cox Grain Co., Vernon.

Edinburg, Tex.—The Edinburg Grain & Mfg. Co. incorporated; capital stock, \$7,000; incorporators, R. B. Curry, E. Beam-er and A. Ledbetter.

Harlingen, Tex.—The Harlingen Unit has purchased the new elvtr. and corn sheller from the Gulf Coast Marketing Co. for a consideration of \$10,000.

Kings Mill, Tex.—The Alva Roller Mills, of Alva, Okla., is building a steel clad elvtr. which is about half completed. The White Star Co. has the contract.

Texarkana, Tex.—We are erecting a grain and hay storage building, 100 ft. square on the site recently purchased by us.—C. W. Lynn, Clark-Lynn Grain Co.

Pampa, Tex.—The Alva Roller Mills, of Alva, Okla., has a steel clad elvtr. under construction which is about half completed. The White Star Co. has the contract.

Greenville, Tex.—The Greenville Mill & Elvtr. Co. has let contract for a 40x100 ft. frame warehouse covered with galvanized iron to be used in connection with its elvtr.

Fort Worth, Tex.—Chas. R. Champion, who has had charge of the branch office of the Moore Seaver Grain Co., is ill and the office has been discontinued indefinitely.

Tolbert, Tex.—The Orient Mfg. Co., of Chillicothe, is building elvtrs. at Evans sta. (Quanah p. o.), Washburn and this station on the Fort Worth & Denver City R. R.—J. A. Cox Grain Co., Vernon.

Brownwood, Tex.—The elvtr. and warehouse which we recently leased from the Brownwood Mill & Elvtr. Co. has been opened for the purpose of handling wheat and oats. The plant has been closed for about 4 years.

Shamrock, Tex.—The new 25,000-bu. elvtr. and flour mill on the C. R. I. & P. R. R., now under construction will be completed July 31 and will be operated under the name of the Shamrock Mill & Elvtr. Co.—J. E. Morgan.

Fort Worth, Tex.—The J. Rosenbaum Grain Co., of Chicago, Ill., has been granted permission to do business in Texas. The company has a capital stock of \$1,700,000 and will have its headquarters for Texas at this city.

Dallas, Tex.—The Dallas Grain & Seed Co. is not out of business as was erroneously reported in this column June 10. The company is composed of P. T. and W. W. Andrews and is a member of the Texas Grain Dealers Ass'n.

Lancaster, Tex.—The Lancaster Elvtr. Co. has been organized with a capital stock of \$10,000 and applied for a charter. Edwin B. Doggett is pres., K. L. White, vice-pres.-treas. and James A. Smyth, sec'y. The new company has purchased the 10,000-bu. elvtr. of the Lancaster Mfg. Co.—D.

Dalhart, Tex.—Having recently severed my connection with the Dalhart Grain & Coal Co., I am organizing the Schuhart Grain Co. and will buy and sell grain and feed. We will have a retail store in the down town district and a warehouse on the Ft. W. & D. R. R. tracks.—E. G. Schuhart.

Pampa, Tex.—I have severed my connection with the Pampa Grain Co. and together with L. C. McMurtry have bot the elvtrs. of the C. B. Cozart Grain Co. here and at Hoover sta. (Pampa p. o.) and Kings Mill sta. (Pampa p. o.). We will operate as the L. C. McMurtry Grain Co.—D. W. Osborne.

Beaumont, Tex.—The modern rice milling plant, consisting of a 5-story mill building, a 60,000-bu. elvtr., a 2-story warehouse, 90x210 ft., a 1-story warehouse, 90x250 ft., engine room and boiler house, which we have under construction will have a daily capacity of 1,200 barrels and will be completed in about a month.—Tyrrell Rice Mfg. Co.

Vernon, Tex.—The fire, which destroyed the Anderson Elvtr., operated by our company, was supposed to have been started by tramps. The \$15,972 loss on the grain was covered by insurance and the \$10,000 loss on the building was insured to the extent of \$5,000. We have purchased the 25,000-bu. elvtr. formerly owned by the Texas-Oklahoma Grain Co. and will not rebuild the burned house. Our new 130,000-bu. concrete elvtr. is just completed.—Kell Mfg. Co.

## UTAH

Ogden, Utah.—We are remodeling an old building into a modern feed mill with about 10,000 bus. bulk storage capacity.—Inland Grain Co.

Tintic, Utah.—Work is progressing on the 50,000-bu. elvtr. which the recently incorporated Union Grain & Elvtr. Co., of Provo., is building on the S. P., L. A. & S. L. at a cost of \$15,000. It will be completed to handle this year's crop. J. W. Knight is pres. of the company.

## WASHINGTON

Waukon, Wash.—W. L. Walker is building a grain warehouse which he expects to have completed Aug. 1.

Seattle, Wash.—The elvtr. of the Port Cem'sners was tested June 1 and will be in full operation by July 15.

Seattle, Wash.—C. A. Morrison will actively manage the business of the W. W. Robinson Co., W. W. Robinson having resigned as pres. and mgr.

Pullman, Wash.—Bart Armstrong, of Great Falls, Mont., will build an elvtr. on the O.-W. R. & N. which will be completed to handle this year's crop.

Creston, Wash.—The Creston Union Grain Co. has begun construction on a large wooden elvtr. which will hold about 120,000 bus. of bulk grain. The structure will be ready for the 1915 crop.

Potlatch, Wash.—We are not building new warehouses but have leased five on the Wash., Idaho & Montana R. R. two at this station and one at Harvard, Princeton and Wellesley.—McFarland & Taft, Palouse.

Tacoma, Wash.—Balfour, Guthrie & Co. have received the contract for 2,000 bales of jute to be used at the state penitentiary at Walla Walla for the manufacture of grain bags. This will partly relieve the anticipated grain bag shortage.

Spokane, Wash.—The Balfour-Greely Grain Co. has been incorporated with a capital stock of \$20,000 for the purpose of doing a grain com's'n business with headquarters at Spokane, Wash. It will handle Washington and Montana wheat. W. T. Greeley is pres., A. J. Schmidt, vice-pres., W. J. Balfour, sec'y and G. C. Schmidt, treas.

Colefax, Wash.—Seymour Manning is now sole owner of the Manning Grain & Warehouse Co., having bot the interests of George L. Campbell and Walter W. Richardson, of Portland, Ore. He will sell the stock in the warehouses operated by the company at Pampa, La Crosse, Mockonema, Thera, Hay and Jeritz to residents of Whitman county.



## WISCONSIN

Kaukauna, Wis.—Nic Blau will dispose of his elvtr. on account of illness.

Osceola, Wis.—The Osceola Mill & Elvtr. Co. will tear down its warehouse and erect a modern elvtr.

Oak Center, Wis.—S. H. Simonson has sold his interest in the elvtr. of Simonson & Neeb to O. V. Neeb.

Green Bay, Wis.—The Green Bay Co-operative Co. incorporated; capital stock, \$100,000; incorporators, E. C. McWilliams, Roy Empey and others.

Cashton, Wis.—The Cashton Farmers Warehouse Co. has bot the elvtr. and warehouse of the Cereal Mills Co. Edw. Taylor will be in charge of the plant.

Shawano, Wis.—We will remove our elvtr. from its present location on the C. & N. W. Ry. track to a new site on the W. N. Ry. The basement will be used for potatoes and the 2nd and 3d floors for grain. We will install potato sorter, an inexpensive elvtr. leg to elevate the grain from the receiving floor to bins on the 2nd floor, and a small gasoline engine for power. We hope to have the change made and be ready for business when the farmers' grain comes in in the fall.—Upm & Russell Co.

## MADISON LETTER.

The Budlong bill providing that elvtrs. on leased lands should be taxed as real estate, was killed.

The assembly refused to reconsider the vote by which it nonconcurred in the Ackley bill for the licensing of grain dealers.

A bill allowing any citizen to present not to exceed 15 bills a month to the railroad com'n for audit as to correctness was passed.

The Nye bill to permit the taxation of elvtrs. owned by railroads at terminals, the amount of the tax to be returned to the locality by the state, was ordered to third reading by a vote of 12 to 5.

## MILWAUKEE LETTER.

Herman Jahns, Jr., pres. of the H. Jahns, Jr. Co., was married June 29 to Miss Mary A. Evans.

The Chamber of Commerce Clearing House Ass'n incorporated; capital stock, \$100,000; incorporators, E. G. Hadden, H. F. Franke and others.

The com'te on finance has fixed the interest rate on advances during the month of July at 5% per annum.—H. A. Plumb, sec'y Chamber of Commerce.

Chief Weigher F. F. Clapp is detained in Buffalo, N. Y., by a rather serious injury to his ankle, which he sustained when making the rounds of the elvtrs. some weeks ago.—H. A. Plumb, sec'y Chamber of Commerce.

Piles are being driven by the Walsh Const. Co. for the new elvtr. of the C. & N.-W. Ry. Co. The plans have nearly been completed by the Toltz Engineering Co., and in about a week bids on the superstructure, of reinforced concrete, will be received by W. H. Finley, chief engineer, C. & N.-W. Ry. Co., Chicago.

## WYOMING

Barkman sta. (no p. o.), Wyo.—The new elvtr. under construction for the J. W. Denio Mlg. Co., of Sheridan, is rapidly nearing completion.

Pine Bluffs, Wyo.—I have leased the 25,000-bu. elvtr. of the Frontier Mlg. & Elvtr. for 1 year, starting July 1. I also own and operate the 10,000-bu. elvtr. of the Egbert Grain Co. at Egbert.—C. R. Buschow.

FLOYD V. BRACKNEY, of Clemons, Ia., the grain dealer artist, has a large oil painting, 5 ft. x 9 ft., hanging in the Iowa State Building at the Panama Pacific Exposition at San Francisco. The painting is a study in corn. So much interest has been shown in the painting that Mr. Brackney has had a number of colored prints made which he is sending out at 25 cents each.

## Seeds

COLUMBIA, Mo., July 2.—Flax acreage for the state is 85, condition 80; tobacco acreage 86, condition 87; broomcorn acreage is 92, condition 95; cowpea acreage is 91.—Missouri State Board of Agriculture.

LONDON, ENG., June 28.—A good inquiry for Trefoil seed, and the market is dearer for this article; inquiry also is good for white clover for export. Mustard, rape and thousand headed kale are in better demand since the recent rains. Some inquiry is also noted for grass seeds. Our market is generally firm for all kinds of clover and grass seeds.—C. W. Le May & Co.

TOLEDO, O., July 3.—Prices of October clover seed usually advance during July and August. Last year the net July gain was \$1.20. August was \$1.07 additional. August expiration was \$2.27 over June expiration. The war complicated matters, and helped August firmness. In 1913 prices made a slight net gain in July. They had a severe setback in August, expiring at \$1.70 less than July expiration. The other heavy August decline was in 1908, when the largest crop in history appeared above the horizon, prices losing \$2.52 for the month. The total August range was from \$8.95 to \$6.00, closing at practically the lowest point. For the six years ending 1911, July scored net advances over June running from .52 to \$1.72. In four of the years August also gained. Weather conditions have favored the crop thus far. Cutting has been general in the principal clover sections and there is ample moisture to give the new crop a good start. Dry weather will be needed later on to mature the crop. The critical period is still ahead. Reports on acreage indicate a good average. Many of our correspondents say they have never seen the crop in such fine condition.—Southworth & Co.

## Timothy Seed Movement in June.

Receipts and shipments of timothy seed at the various markets during June, 1915, compared with June, 1914, were as follows:

	Receipts.		Shipments.	
	1915.	1914.	1915.	1914.
Milwaukee, lbs.	120,000	60,000	118,883	207,400
Toledo, bags	60	.....	50	.....
Cincinnati, bags	20	.....	22	.....

## Clover Seed Movement in June.

Receipts and shipments of clover seed at the various markets during June, 1915, compared with June, 1914, were as follows:

	Receipts.		Shipments.	
	1915.	1914.	1915.	1914.
Milwaukee, lbs.	3,050	42,950	.....	.....
Cincinnati, bags	392	502	1,429	2,175
New York, bags	250	.....	164	.....
Toledo, bags	152	.....	.....	.....

## Flaxseed Movement in June.

Receipts and shipments of flaxseed at the various markets during June, 1915, compared with June, 1914, were in bus, as follows:

	Receipts.		Shipments.	
	1915.	1914.	1915.	1914.
New York	1,438,000	.....	.....	.....
Minneapolis	146,400	.....	.....	.....
Winnipeg	139,175	.....	.....	.....
London	86,874	.....	.....	.....
Milwaukee	19,599	.....	.....	.....
Kansas City	2,000	.....	.....	.....

## American Seed Ass'n Meets.

The 33rd annual convention of the American Seed Trade Ass'n was held at San Francisco, Cal., June 22, 23 and 24.

Pres. L. L. Morse called the convention to order on Tuesday, June 22, at 10:00 o'clock, and following the reading of his address, the value of technical training to seedmen was discussed by H. E. Van Norman, dean of the California State Farm School, Davis, Cal. Five new members were added to the membership at the first session of the convention, as follows: C. E. De Puy Co., Pontiac, Mich.; Pacific Seed Co., Caldwell, Ida.; Valley Seed Co., Sacramento, Cal.; Waldo Rohnert, Gilroy, Cal., and the Vogeler Seed & Prod. Co., Salt Lake City, Utah.

E. C. Johnson, Portland, Ore., delivered an address on the growing of seed in the northwest. He called attention to the fact that seed growing in the northwest, and especially in Oregon, had progressed but little beyond the experimental stage. That state however has produced the choicest quality of alfalfa ever brot to his attention, and like the state's best quality of red clover, it originated in the Willamette Valley. Many of the fields are infested with sorrel, but where the fields are free of that weed the quality of the seed could not be improved upon. The average yield is about 40 carloads annually.

Oregon also produces some alfalfa seed along the Idaho state line. Much of that Oregon seed however, is marketed as Idaho seed. The demand for the seed has fallen off somewhat in recent years owing to the presence of dodder. As the laws of the northwestern states make it impossible to sell locally seed thus infested, an effort is being made to improve the quality. If the dodder can be eliminated Mr. Johnson believes the finest alfalfa in the country will be the result.

The work of experiment stations of the different states was given in detail by L. L. Olds, Madison, Wis.

Frank C. Woodruff, Orange, Conn., read the report of the com'te on credits; W. F. Therkildson, Philadelphia, Pa., reported on Postal laws; B. Landreth, Bristol, Pa., on customs and tariffs; and S. E. Willard, Wethersfield, Conn., on investigations of government charges.

The San Francisco Commercial Club tendered the visitors a banquet on Tuesday evening. The banquet and entertainment was in charge of the following com'te: F. W. Belgiano, C. C. Massie, H. T. McCullough, and A. L. Hart. W. S. Woodruff presided as toastmaster, and many interesting and entertaining after dinner speeches were made by able speakers. Pres. Morse was presented with a handsome watch. W. Rohnert making the presentation speech.

The seedmen were tendered another dinner on Wednesday evening. R. W. Pommeroy of St. Louis acting as host, and Friday night a similar feast was served at San Jose. Many side trips were enjoyed during the stay of the ass'n members, the most important of which was a 90 mile tour of inspection, by automobile, from June 27, and all of the principal seed ranches in the Santa Clara Valley were visited.

Press. March 1, 1915.—We have purchased a large lot of seed alfalfa from the Oregon Seed Co. and are now shipping it to the various seed companies in the Northwest.—Young, Rohnert & Seed Co.



## From the Seed Trade.

CLINTON, Mo., July 6.—A great quantity of cowpea seed has been sold here on account of the wheat ruined by rust. Feterita is also in big demand. While we sold only 100 lbs. last spring we disposed of 10,000 lbs. this year. Three times as much milo and cane seed has been sold this year as ever before at this time. Sudan grass is also popular with some of the farmers.—Geo. R. Lingle & Sons.

WEST BRANCH, MICH., July 3.—All old seed stocks have been cleaned up. The only shortage of the season was in field peas and beans. Seeding of alsike in northeastern Michigan was reduced 80%, being replaced by alfalfa, sand vetch and sweet clover. War prices for the 1914 beans resulted in doubling the 1914 acreage. The season has been unfavorable for beans resulting in uneven stands and in some cases total failures.—E. E. Evans.

Wichita, Kan., July 7.—The present outlook is that alfalfa seed from second crop will be practically nothing. If weather conditions are favorable, there will be considerable seed saved from the third cutting. Sorghum and kafir acreages are below normal. Seed corn acreage is larger than last year but not quite up to ten year average. Very little change in the ideas of growers in the matter of handling seed crops in this part of the country. There has been constant demand for everything grown in this state and until some of these items have been discarded, others will not be taken up.—Ross Bros. Seed House.

SPRINGFIELD, MO., July 3.—Our principal seed crops are timothy, clover and red top. These seeds all promise very well this year and we might have more than we did in 1914. Last year our seed crops of these varieties were scarce locally. We operate a territory in northeast Oklahoma and southwest Missouri with a number of country stations and at those stations we often buy a considerable quantity of kaffir corn, cane seed and millet seed. It is a little too early yet to determine what these seed crops will amount to this season, but we have had excessive wet weather and corn planting has been very much interfered with. We are of the opinion that we will have an unusually large acreage of these three varieties.—Lipscomb Grain and Seed Co.

FOREIGNERS are still holding off, and as the buying power is concentrated, it will not bid prices up on itself. While further advances will be experienced until the short interest has covered, we do not think one should overlook good profits on bulges, as later on the concentrated short interest will again attack the market, and we fear successfully. We see little attractive on the long side until the foreign exchange situation is cleared up and foreigners are steady buyers of the new wheat.—W. H. Perrine & Co.

## Feedstuffs

RATIONS for growing and fattening roasters and capons is the subject of Bull. 284 of the Agricultural Experiment Station, Wooster, O. W. J. Buss, the author tells of the object of his experiments, the rations of corn and tankage used, method of feeding, mortality, weights and gains. In table form is given the amount of feed consumed per bird and the amount consumed per pound gained.

OKLAHOMA AND TEXAS FARMERS have been compelled to feed corn that is costing them, shipped in, from 90c to \$1 per bu., and if they continue feeding corn they will have to pay these prices until the local crop matures in September. Farmers will therefore not relish the idea of selling oats at a low price and paying high prices for corn. The home consumption of oats will be the largest ever known in this territory.—D. Head & Son, Durant, Okla.

THE TRI-STATE Retail Feed Dealers Ass'n, which held its 5th annual convention at Utica, N. Y., June 24 and 25, elected the following officers: Pres. Charles L. Carrier, Sherburne, N. Y., re-elected; vice-pres. W. C. Richards, Parish, N. Y.; sec'y, H. M. King, Waterville, N. Y., re-elected; treas. M. J. Mudge, Afton, N. Y., re-elected; fifth member of the executive committee, Frank C. Jones, Bullville, N. Y., re-elected. Resolutions were adopted asking the members not to favor those feed manufacturers who persist in selling a part of their product thru other than legitimate jobbers or retailers. The legislative committee appointed consisted of W. C. Richards, Parish, N. Y.; Frank C. Jones, Bullville, N. Y., and H. R. Wilber, Jamestown, N. Y.

## Feedstuffs Movement in June.

Receipts and shipments of feedstuffs at the various markets during June, 1915, compared with June, 1914, were as follows:

	Receipts.		Shipments.	
	1915	1914	1915	1914
St. Louis, sacks	168,300	39,470	80,000	83,200
Milwaukee, tons	18,404	16,480	21,390	21,121
Louisville, bus.	12,700	16,100	16,335	20,250
New York, tons	2,405			
Kan. City, tons	1,240	2,120	10,120	8,760
Baltimore, tons	1,012	722		280
S. Francisco, tons	634	1,095		

A FUMIGATING FOAT is used in the harbor at Hamburg, Germany, to rid incoming ships of rats. Frequently more than 900 rodents are killed on a single vessel.

INTERNATIONAL INSTITUTE of Agriculture at Rome, Italy, reports the country's yield of wheat for 1915 will exceed 1914 by 29,396,000 bus. The 1914 crop amounted to 172,687,000 bus.

## Economy of Fuel Oil Engines.

BY O. G. DEANE.

The advantages of crude oil and fuel oil engines compared with the former standard, the old, reliable steam engine, have been so increased, in the past four and five years, by progressive manufacturers, that thoro dependability and reliability can be had from a number of engines that use the cheapest grade of fuel oil and give 24-hour service in plants where such is required, and to such an extent that the steam unit has lost much of its favor, due to the extra attention, compared to a simple, successful fuel oil engine, and due to the auxiliaries required for a steam plant to secure even good economy, such as the storage and handling of coal and ashes, the repairs, insurance and especially the item of keeping the plant in the condition demanded by the rigid specifications of the various state laws to enable them to pass inspection.

The following table shows comparative power costs for a year in plants of 50-horsepower capacity, operating full 300 days, ten-hour service each day, at average of  $\frac{3}{4}$  load, with eight types of engines as listed, wherein will be noted the saving per year of fuel oil over the other plants, giving greatest results over electric current, and least against cheap natural gas at 30c, using good make of gas engine. The prices of fuel are not in the least out of proportion, but based on present averages.

Millions of barrels of fuel oil are in storage now and at all times, due to its being a residue and by-product in the distillation of gasoline, kerosene, naphtha distillate, etc. It is accumulated in far greater proportion than any other light fuels extracted in distillation. Hence, to get rid of it, it is sold at a price that makes it cheaper for firing boilers than using coal, hence it is in competition and a few degrees under the price of coal.

Considering such oil fuel used under boilers, a greater quantity is required than in an oil engine, and the economy is at once apparent, also it can easily and safely be stored in an underground tank, without evaporation or fire risk. Moreover, with engines approved by the National Board of Fire Underwriters, a reduced insurance rate over steam plant should not be over-looked.

Fuel oil engines have been in use for almost twenty years in European countries, and in America for almost fifteen years. The fact that twenty odd companies are now making fuel oil burning engines in the United States signifies the rapidity of their adoption in this, a country of cheap coal, cheap gas in some districts, but especially cheap oil in all parts of the country.

Their simplicity of construction in the semi-diesel type, enables such engines to be operated efficiently and successfully by any person of ordinary intelligence. Diesel engines give better fuel economy

	Natural gas engines.	Fuel oil engines.	Producers gas engine, hard coal.	Steam on gas.	Steam on coal.	Gasoline engine.	Kerosene engine.	Electric motor.
Price of fuel.....	30c M.	3c gal.	\$7.00 ton	20c M.	\$2.00 ton	15c gal.	7c gal.	3c K. W.
H. P. hours per year.....	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Fuel per brake H. P. hour.....	16 cu. ft.	12 gals.	1.25 lbs.	80 cu. ft.	10 lbs.	\$0.16 gal.	\$0.16 gal.	1 K. W.
Amount of fuel.....	1,600 M.	12,000 gals.	62.5 tons	8,000 M.	500 tons	16,000 gals.	16,000 gals.	100,000 K. W.
Cost of fuel for year.....	\$ 480.00	\$ 360.00	\$ 437.00	\$1,600.00	\$1,000.00	\$2,400.00	\$1,120.00	\$3,000.00
6% interest.....	105.00	150.00	210.00	120.00	120.00	108.00	120.00	48.00
10% depreciation.....	175.00	250.00	350.00	200.00	200.00	180.00	200.00	80.00
Repairs and incidental.....	50.00	50.00	100.00	50.00	50.00	50.00	50.00	10.00
Labor.....	200.00	200.00	300.00	400.00	600.00	200.00	200.00	30.00
Total annual cost.....	1,010.00	1,010.00	1,397.00	2,370.00	1,970.00	2,938.00	1,650.00	3,168.00
Power cost per H. P. year.....	20.20	20.20	27.94	47.40	39.40	58.76	33.80	63.36
Licensed engineers.....	No	No	No	Yes	Yes	No	No	No
Boiler inspection.....	No	No	No	Yes	Yes	No	No	No
Saving of fuel oil engine per H. P. year.....	None	.....	7.74	27.20	19.20	38.56	13.60	43.16
Saving of fuel oil engine per year.....	None	.....	387.00	1,360.00	960.00	1,928.00	680.00	2,158.00
Saving of interest on investment.....	None	.....	15½%	54½%	38½%	77%	27¼%	86%



but, being more costly and more complicated, entail a heavier overhead expense except in large units of 100-hp., and upward, where such additional overhead can be readily absorbed by the other advantages, space saved, ease of starting, lack of standby losses over the steam unit of the same size.

In the course of the past ten years, leading companies have placed thousands of fuel oil engines in all kinds of plants, flour and feed mills, elevators, cotton seed oil mills, lighting and pumping plants, in all of which the same final result is sought and obtained.

Records of continuous runs of such engines from 50 to 150 days, without one moment stop or runs of a year and a half without stopping over two hours each month average, are known in regular service and made thru no attempt for endurance or special tests.

At Goodland, Kan., a Muncie Oil Engine ran 24 hours per day from Jan. 1 to July 1, without being shut down an aggregate of more than 10 hours during the 6 months, and saved \$225 per month in the cost of fuel over the steam engine formerly in use.

A great number of steam engine builders have partly or entirely abandoned the construction of steam engines, and are building oil engines, and the time is rapidly approaching when the fuel oil engine will be as commonly known as the automobile is now.

The better equipment means greater ultimate economy and hence a good engine will be a credit to a plant and considered as a valuable asset.

FRANCE has purchased 4,500,000 bus. of wheat and 5,500,000 bus. of oats of the new African crops, specifying shipments in July. Favorable crop reports from the United States are serving to cause less apprehension among French consumers.

Proso is to be grown on a farm near Bison, S. D., by Prof. N. E. Hansen of the State Agricultural College. The new grain was introduced last season from Asia and Prof. Hansen says it will yield enormously, becoming one of the state's staple crops if seed can be generally distributed. Thruout Asia the natives depend upon proso for their sustenance, but in this country the grain will be used principally for feeding.

WAR'S EFFECT on prices is upward, but the highest prices are reached after the ending of the war. At the close of the war there is a rush to sell followed by the highest prices. After Waterloo the average price for wheat in 1815 was \$1.76, rising to \$2.85 in 1817. After the Crimean war wheat which had sold to \$1.85 in 1855, declined and was on the way to top prices when the panic of 1857 burst. After selling at \$2.28 in 1864 wheat broke with the end of the Civil War to 74 cents in 1865, running up to \$2.85 in 1867. This price was the same as that 50 years previous, and two years hence will be another 50-year period, so that if wheat sells at \$2.85 in 1917 it will be merely history repeating itself.

THE ENGINEERS BILL providing for the licensing of structural engineers, was signed by Gov. Dunne of Illinois July 5 after a bitter fight in the legislature, leading to graft charges and a house investigation. The architects of the state have raised the point that as July 1 was mentioned as the date upon which the law was to take effect, and that date had passed prior to executive action, the new law can not become effective until July 1, 1916.

## Supply Trade

NORTH PLATTE, NEBR.—Business is fine. W. H. Cramer.

MAKE YOUR advertising a steady diet—not a banquet.

CHICAGO CALLER.—E. D. Bargery, rep'tg Union Iron Works, Decatur, Ill.

OMAHA, NEBR.—Jesse Schwartz mechanical engineer for the American supply Co., reports a good business in elevtr. equipment machinery.

SILVER CREEK, N. Y.—The Huntley Mfg. Co., has recently issued a new catalog, No. 53, which covers thoroughly their line of milling machinery. It is now ready for distribution.

SAN FRANCISCO, CALIF.—The Wolf Co., Chambersburg, Pa., have been awarded the Grand Prize, the Medal of Honor and a Gold Medal on their milling machinery, used in operating the Sperry Mill at the Exposition.

CHICAGO, ILL.—The Hess Warming & Ventilating Co., have recently received orders from the Government of Angola, Portuguese West Africa for two Hess Driers. They will have an approximate capacity of 800 to 1,000 bushels per day.

WICHITA, KANS.—The Richardson Scale Co., has moved to 147 N. Emporia st., where they have an excellent display and sample room as well as a large office and ware-room. L. B. Graham the mgr. reports having sold over 200 scales for this crop.

DES MOINES, IOWA.—Frank Bushnell, who has been in the employ of the Newell Construction Co., of Cedar Rapids, as an estimator, has joined the forces of the Burrell Engineering & Construction Co., to act in the same capacity.

THE SIZE of the space in an advertising medium is the charge behind the shock you want to send. The bigger the charge, of course, the more effective. The space you should use depends upon whether you want to shoot a toy pistol or a 42-centimeter gun. M. V. Kelley.

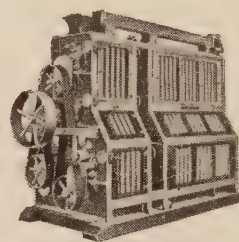
SAN FRANCISCO, CALIF.—The Superior jury of awards of the Panama-Pacific Exposition has confirmed the findings of the Department Jurors, thereby awarding to the S. Howes Co., Silver Creek, N. Y., a gold medal for its exhibit of Eureka Wheat Cleaning Machinery. This is the highest honor that could be awarded.

A NEW LADDER of special value to car inspectors and country shippers is being made by the Consolidated Pump Co., Toledo, Ohio, manufacturers of the "Red Head" line. The ladder is 8 feet long, made of choice selected Norway pine and weighs only 11 pounds. To conform with suggestions recently issued by the casualty insurance companies it is shod with tool steel safety feet, preventing slipping even on ice.

SCHENECTADY, N. Y.—Bulletin No. 47050, recently issued by the General Electric Co., is devoted to that Company's small plant switchboards made up of standard units in various combinations. These units are described in detail, various combinations are illustrated, dimensions are given, and panels designated by catalog numbers. The publication contains wiring diagrams and a list of accessories.

# Makes Good Flour

## And Good Money, Too



## The "Midget" Marvel Mill

## We Can Prove It

*Just Ask Us!*

## Anglo-American Mill Co. Incorporated

435 Fourth St.

Owensboro, Ky.

## Grinding Tests

are being conducted by Mr. J. T. Lawler at the San Francisco Exposition in the Palace of Food Products Building, S. E. Corner Court Place, with the "Baby Midget," and three "Midgets" on exhibition.



## Supreme Court Decisions

**Landlord's Lien.**—The lien given a landlord by Code 1907, § 4734, for rent and advances to the tenant, is by section 4744 extended to crops of a sub-tenant.—*Drinkard v. State*. Court of Appeals of Alabama. 68 South. 553.

**Sale by Sample.**—Where a sale is by sample, and delivery is of the essence, the buyer, before accepting, may inspect the goods, and, if the goods be inferior to the sample, or are damaged, he may reject them and recover the price paid.—*Veitch v. Ill. Cent. R. Co.* Court of Appeals of Alabama. 68 South. 575.

**Valuation of Shipment.**—An agreement that the loss, for which the carrier was liable, should be computed on the basis of the value of the property at the place and time of shipment is valid, the provision merely being intended to establish a rule for determining the value of the property in case of loss, and not to limit or diminish the carrier's liability.—*Grubbs v. Atlantic Coast Line R. Co.* Supreme Court of South Carolina. 85 S. E. 405.

**Shipper Entitled to Lower Rate.**—Where a carrier has published conflicting rates, effective contemporaneously in the same tariff, the shipper is entitled to the lower of the rates. Where the issue was not as to the reasonableness of a rate, but as to the correct application of a published tariff, the state court had cognizance as against the contention that it was a matter to be determined by the Interstate Commerce Commission.—*Dreyfuss v. Pennsylvania R. Co.* Supreme Court of New York. 153 N. Y. Supp. 966.

**Representing Winter Wheat to be Spring Wheat Seed.**—The plaintiff alleged that wheat sold to him by defendant as spring wheat for seeding was in fact fall wheat, and was therefore worthless and of no value to him, he could still recover for such damages as were proximately caused by defendant's failure to furnish the kind of wheat represented, though that delivered was not altogether worthless as alleged.—*Keeler v. Green*. Supreme Court of Montana. 149 Pac. 286.

**Overdrafts.**—Where a bank sent drafts to plaintiffs for collection, covered by a shipment of cotton to be sold on commission, and the bank, being informed by plaintiffs that the cotton was of an inferior grade, telegraphed them to remit, and it would protect plaintiffs for the difference, such guaranty was unconditional as against overdrafts, notwithstanding that the bank requested weights and grades as a condition precedent to a sale by plaintiffs.—*W. D. Cleveland & Sons v. First State Bank of Floydada*. Court of Civil Appeals of Texas. 176 S. W. 663.

**Release Clause in Lease of Site on Right of Way.**—Where a lease of a warehouse on a railroad right of way which exonerated the railroad from damages for fires, and gave the tenant, his successors or assigns, an option to continue the lease for another term of 10 years on giving notice 60 days prior to its termination, was assigned to another, who continued in possession after the expiration of the term, and four months thereafter notified the railroad company that, as assignee of the lease, he held possession of the property and privileges set forth thereunder under the terms of the lease for another period of 10 years, the assignee was bound by the covenant of exoneration, whether that covenant was, prior to the expiration, merely personal, and not binding on the assignee, since he had not exercised his option of renewal in the time limited, and the consent of the railroad to another term thereafter was sufficient consideration for his agreement to hold under the terms of the lease.—*L. C. Adler & Co. v. Western Ry. of Alabama*. Supreme Court of Alabama. 68 South. 361.

Dealing in futures, when both parties intend that there shall be no deliveries, but only a settlement of differences between the contract and the market price, are "wagering" or "gambling contracts" and illegal and void by the common law.—*Carpenter v. Beal-McDonnell & Co.* U. S. District Court, Arkansas. 222 Fed. 453.

**Landlord's Lien.**—Under Code 1907, § 4734, giving the landlord a paramount lien on crops for advances made in money or other thing of value for the sustenance of the tenant or his family, or for the cultivation of the ground, a landlord has no lien for a small sum of money given to the tenant for an undisclosed purpose.—*Ligon v. Roberts*. Supreme Court of Alabama. 68 South. 319.

**Sale of Unclaimed Freight.**—Vernon's Sayles' Ann. Civ. St. 1914, art. 725, authorizing a carrier to sell unclaimed freight "offering each box, bale \* \* \* or other article separately as consigned" requires the carrier to offer each box or bale or other article separately unless the freight is consigned in bulk, in which event the sale must be in bulk, and where fertilizer is shipped in bags, each weighing a specified number of pounds, and described in the bill of lading as a specified number of "bags complete fertilizer, weight 26,000 pounds," the carrier selling the same as unclaimed freight cannot sell the same in bulk, but must offer each bag separately; the word "bulk" having reference in law to merchandise which is neither counted, weighed, nor measured, and the words "as consigned" having no other meaning than that the articles to be sold shall be sold in the manner in which consigned as evidenced by the B/L.—*Texas & P. Ry. Co. v. Gate City Fertilizer Co.* Court of Civil Appeals of Texas. 176 S. W. 868.

**Shipper's Right to Divert.**—The rules of the Interstate Commerce Commission, formulated pursuant to U. S. Comp. St. Supp. 1911, c. 1 (U. S. Comp. St. 1913, §§ 8563-8604), declare that the privilege of diverting cars is of value to the shipper, and in order to avoid discrimination it is necessary for the carrier that grants such privilege to publish in its tariff that fact, together with the conditions under which it may be used. Pursuant to that regulation a carrier adopted a tariff and conditions upon which diversions would be made, which provided that parties making request for change of destination must furnish satisfactory proof of ownership and acceptable form of bond. The carrier by an arrangement made over the telephone agreed to divert a shipment. Held, that the regulations were not imposed solely for the benefit of the carrier, but, being intended to place all shippers upon the same plane and prevent unfair preferences among them, the carrier could not waive the regulation and allow diversion in an unauthorized manner.—*Norfolk Southern R. Co. v. Whitehurst*. Supreme Court of Appeals of Virginia. 85 S. E. 458.

**Interstate Commerce Act Supersedes State Law.**—Congress has so far taken over the subject of a carrier's liability for loss or damage to interstate shipments by the act of June 18, 1910 (36 Stat. at L. 539, chap. 309, Comp. Stat. 1913, § 8563), and the act of June 29, 1906 (34 Stat. at L. 584, chap. 3591, Comp. Stat. 1913, § 8563), amending respectively §§ 1 and 20 of the act of February 4, 1887 (24 Stat. at L. 386, chap. 104), as to invalidate the provisions of S. C. Civ. Code 1912, § 2573, in so far as they may subject a terminal carrier to the prescribed penalty of \$50 for failure to pay promptly a claim for damages to an interstate shipment, no matter where the loss occurred, unless the carrier proves that the shipment never came into its possession, or succeeds, within the forty days allowed, in shifting the loss by giving notice as to when, where and by which carrier the property was damaged, or by showing that it used due diligence, but was unable to discover where the damage occurred; nor is the statute saved by calling it an exercise of the police power, nor by the proviso in the act of June 29, 1906, saving the rights of holders of B/L under existing law.—*Charleston & W. C. Ry. Co. v. Varnville Furn. Co.* Supreme Court of the United States. 35 Sup. Ct. Rep. 715.

## Changes in Rates

As shown by tariffs recently filed with the Interstate Commerce Com'n the carriers have made the following changes in rates:

**C. & N. W.** in Sup. 54 to 8300-A quotes rates on grain between C. & N. W. stations in Illinois, effective June 28.

**C. & O.** in Sup. 6 to 15504 quotes rates on grain and grain products from and to its stations, effective July 15.

**C. & N. W.** in Sup. 27 to 12,575-C quotes rates on grain from Chicago to station on connecting lines, effective Aug. 12.

**C. I. & L.** in 6052 quotes a rate of 11.5c per 100 lbs. on grain products from Louisville, Ky., to Detroit, Mich., effective July 10.

**C. I. & L.** in 1402-A quotes rates on grain and grain products from Indianapolis, Ind., to other stations on that railroad, effective July 15.

**N. Y. C.** in Sup. 6 to 30850-A quotes rates on wheat, corn, oats, rye and barley from Buffalo, N. Y., elvtrs.; to eastern points, effective July 5.

**C. I. & L.** in Sup. 3 to 45-Q quotes rates on grain and grain products from Hammond, Ind., to other points in that state, effective July 15.

**C. & A.** in Sup. 10 to 662-A quotes rates on grain, grain products and seeds from Chicago, Peoria and St. Louis to Mo. stations, effective June 28.

**C. I. & L.** in Sup. 3 to 3467 quotes rates on grain and grain products from New Albany, Ind., to other stations on the Monon route, effective July 15.

**C. & A.** in Sup. 2 to 1614-B quotes rates on grain from stations in Ill., on C. & A., and Ill. Mid. Rys., to points in Ill., Ind., O., and Ky., effective July 14.

**C. I. & L.** in Sup. 13 to 5591 quotes rates on grain and grain products from Chicago, Ill., and Hammond, Ind., to other stations on the C. I. & L. Ry., effective July 15.

**C. & A.** in Sup. 2 to 1655-E quotes rates on grain and grain screenings from Chicago when reshipped to Galveston and Texas City, Tex., for export, effective June 28.

**C. & A.** in Sup. 11 to A662 quotes rates on grain, grain products and seeds from Chicago, Peoria and St. Louis to points in Mo., on the C. & A. Ry., effective June 30.

**C. & A.** in Sup. 12 to 1570-D quotes rates on grain, grain products and seeds, also milling, malting and transit privileges at stations on the C. & A. Ry., effective June 30.

**C. & A.** in Sup. 42 to 1604-A quotes rates on grain and grain products from Chicago, Joliet, Peoria, Pekin and E. St. Louis, Ill., to other stations on the C. & A. Ry., effective July 20.

**C. I. & L.** in Sup. 13 to 5592 quotes rates on grain and grain products from Chicago, Ill., and Hammond, Ind., to principal points in Ind., Ky., N. Y., O., Pa., and W. Va., effective July 15.

**C. & E. I.** in Sup. 41 to 622-A quotes rates on grain, grain products, broom corn and seeds from stations on the C. & E. I. Ry. in Ill., to stations in Ill. on other lines, effective June 3.

**C. B. & Q.** in Sup. 9 to 1346-E quotes rates on grain and grain products from Chicago, Peoria, Quincy and E. St. Louis, Ill., and other Ill. stations on the C. B. & Q., effective Aug. 1.

**C. & A.** in Sup. 14 to 1602-B quotes rates on grain and grain products from Kansas City, St. Joseph and Elwood, Kan., to stations in Ill., Ind., Mich., Minn., Mo., O., and Wis., effective July 8.

**C. & N. W.** in Sup. 13 to 10,110 quotes rates on flaxseed and grain between Chicago, Ill., Milwaukee, Oshkosh, Wis., and stations on the G. B. & W. and K. G. B. & W. Rys., effective July 2.



C. & N. W. in Sup. 19 to 11,100-A quotes rates on grain, flaxseed, broom corn and grain products, between stations in Ill., Wis., Ia., Minn., etc., and stations in Neb., Wyo., and S. D., effective July 28.

C. B. & Q. in Sup. 6 to 849-E quotes rates on grain and grain products from stations on the C. B. & Q. in Ill., Ia., Mo., to the Atlantic Seaboard, Interior and eastern Canadian basing points, effective July 15.

Ill. Cent. in Sup. 11 to 601-C quotes rates on grain and grain products between Milwaukee, Wis., Chicago, Ill., and other points in Ill. and Wis.; and its station in Ia., Minn., S. D., and Omaha, Neb., effective July 24.

K. C. Sou. in Sup. 5 to 36-G quotes rates on grain and grain products from Kansas City, Mo.-Kan., Missouri River points and its stations; to Baton Rouge, New Orleans, La., and stations in La. and Miss., effective July 20.

C. & A. in Sup. 12 to 1620-B quotes rates on grain products from Alton, Granite City, E. St. Louis, Lincoln, Lockport, Pekin, Peoria, Springfield and Venice, Ill., also St. Louis, Mo., to stations in Ill., Ia., Minn., Mo., and Wis., effective June 30.

Western Trunk Lines in Sup. 57 to Circular 1-J quotes rates on grain and grain products between points in western classification territory, reconsigning charges at Missouri River points, and elevation allowances for grain in bulk, effective Aug. 1.

C. R. I. & P. in Sup. 20 to 28,675-B quotes rates on grain, grain products, broom corn and seeds from Chicago, Peoria, Rock Island, Ill., Council Bluffs, Ia., Kansas City, Mo., Minneapolis, St. Paul, Minn., and Omaha, Neb., to stations in Colo., Kan., Mo., Neb., N. M., and Okla., effective July 24.

C. I. & L. in Sup. 3 to 945-A quotes rates on grain and grain products from stations on C. I. & L. Ry., to Indiana stations on C. R. & I. G. T., M. C., N. Y. C., and P. M. Rys., effective July 15.

A. T. & S. F. in Sup. 33 to 5588-J quotes rates on grain and grain products from points in Kan., Colo., Mo., Okla., and Superior, Neb., to Kansas City, St. Joseph, Mo., Atchison, Leavenworth, Kan., Chicago, Peoria, Ill., and Mississippi River points, effective July 1.

Mo. Pac. in Sup. 8 to 1258-F quotes rates on grain and seeds and their products from points on Missouri River; to Memphis, Tenn., stations in Ark., Ill., Fla., Mo., Ia., and Miss., also for making rates to southeastern and Carolina territories and between Upper and Lower Mississippi River crossings, effective July 1.

K. C. Sou. in Sup. 5 to 5-B quotes rates on grain and grain products between Carondelet, St. Louis, Mo., Chicago, Peoria, East St. Louis, Ill., Minneapolis, St. Paul, Minn., and stations taking same rates; and its stations in Ark., Mo., Okla., also Texarkana, Ark.-Tex., Ft. S. & W., Mo., Okla., and gulf stations, effective July 20.

C. & A. in Sup. 15 to 1602-B quotes rates on grain and grain products from Kansas City, St. Joseph, Mo., and Elwood, Kan., when originating at other points or when milled at Kansas City, St. Joseph, Mo., or Elwood, Kan., from grain originating at other points, to stations in Ill., Ind., Mich., Minn., Mo., O., and Wis., effective June 30.

C. B. & Q. in Sup. 11 to 1117-F quotes rates on dried peas, beans and seeds via rail and lake and rail, lake and rail routes, from stations on the C. B. & Q., on the east of the Mississippi River, also from stations on the Peoria Ry. Terminal and the Peoria and Pekin Union Ry. to Atlantic Seaboard and Interior Points, effective June 2.

C. & E. I. in Sup. 37 to 622-B quotes rates on grain, grain products, corn cobs, broom corn and seeds from stations on the C. & E. I. Ry. to points in Ala., Ark., Conn., Del., D. C., Ill., Ind., Kan., Ky., La., Me., Md., Mass., Mich., Minn., Miss., Mo., N. H., N. J., N. Y., O., Pa., R. I., Tenn., Vt., Va., W. Va., Wis., and points in Canada, effective July 14.

C. & A. in Sup. 14 to 1596-B quotes rates on grain and grain products from stations in Ill., to Memphis, Tenn., New Orleans, La., Mobile, Ala., Jackson, Meridian and Hattiesburg, Miss., and Helena, Ark., also to points in Ala., Ark., Fla., La., Miss., and when for export to Key West, Pensacola, Fla., Mobile, Ala., New Orleans, Port Chalmette or Westwego, La., effective July 27.

Mo. Pac. in Sup. 13 to 1980-D quotes rates on grain and seeds and their products from stations in Colo., Kan., Mo., Neb. and Okla.; to points in Ark., Memphis, Tenn., New Orleans, La., Pensacola, Fla., Cairo, Ill. (proper), stations in Ill. on the St. L. I. M. & S., La. and Miss., also basis for making rates to Nashville, Tenn., and southeastern and Carolina territories, effective July 1.

C. G. W. quotes a rate of 14c on wheat, buckwheat, bran, refuse, shives, seeds, screenings, hulls, millet and flaxseed, and 10.5c on oats, corn, barley, rye, spelt, kafir corn, elvtr. dust, grain screenings, malt, malt sprouts, and oat clips and hulls from Minneapolis, St. Paul and Winona, Minn.; to Alton, East St. Louis, Ill., Grafton, Springfield, Jacksonville, St. Louis, Mo.; and 10c on wheat, buckwheat, oats, corn, barley, rye, spelt, kafir corn, millet and flaxseed, bran, refuse, shives, screenings, hulls, malt, malt sprouts, elvtr. dust, gluten feed, grain screenings, molasses, oat clips and hulls from same points; to Cedar Rapids, Ia., and intermediate stations, effective Aug. 10.

## Crop Reports

Reports on the acreage, condition and yield of grain and field seeds, as well as on the movement to country markets, are always welcome.

### IOWA.

Gravety, Ia., July 6.—Has been very wet; just began cutting wheat.—L. G. Blacklee. David City, Ia., July 6.—Crops are about 1/2; too wet for corn; lots of corn to be replanted.—David City Elvtr. Co.

Winfield, Ia., July 5.—Oat crop fine; corn a little late but doing fine.—H. W. Van Dyke, mgr. Winfield Elvtr. & Supply Co.

Evans, Ia., July 2.—Crops are looking fine; corn a little small for this time of the year; is growing nicely the past week; looks like will have an early oat harvest.—F. W. Roberts.

Farmington, Ia., July 2.—Corn crop stand well; a little over 1/3 with another week on good weather; most of corn will be knee high; oats looking good, a little rank and a few blackheads.—Ag. Jacks, Grain Co.

Cedar Rapids, Ia., July 6.—Corn thru center and southern Iowa is fairly good and only 2 weeks late; corn in the northern part of the state 3 weeks late; stand of corn is everywhere thin; a large acreage has been abandoned; as a result an unusual amount of buckwheat and millet is being sown.—S.

### KANSAS.

Beverly, Kan., July 6.—We can save wheat we have will average 15 to 18 bu. per acre; average last year 19 bu.; fly has thinned some fields; quality not as good as last year.—M. Chamberlain.

Kiowa, Kan., June 26.—Wheat cutting has commenced, but too wet to do much good; lots of wheat down.—C. R. Dixon, mgr. Stevens Scott Grain Co.

Wilson, Kan., July 6.—Harvest very late in account of heavy rains; with return of sunshine a once no great damage will result; yield will be 16 to 18 bu. per acre and average quality.

Natoma, Kan., July 6.—Wheat already damaged 25% by excessive rains; in some localities badly damaged by hail; average yield will be about 15 bu.—E. H. Drake, mgr. Farmers Union Shipping Ass'n.

Petty Prairie, Kan., June 26.—Wheat crop about 60% of last year; oats best ever raised; not much corn as rough feed which is very poor stand on account of too much rain.—E. B. Seaman, agt. The Rock Mill & Elvtr. Co.

Simpson, Kan., July 5.—Wheat crop in poor condition account of windsprings; cutting in full blast; if wet weather continues bound to be lots of spoiled wheat; a tangled cannot be saved except by threshing, threshing to begin in a week or so depending entirely on the weather condition.—R. S. Reed, mgr. Simpson Grain Co.

Curay, Kan., July 5.—Wheat in poor condition; wheat down and will be of poor quality; average yield will be around 20 bu. to the acre; young grasshoppers doing damage by biting off grains from head of wheat; good crop of oats but they are down and badly tangled.—W. A. Harding, mgr. Farmers Union Co-op. Ass'n of Curay, Kan.

### NEBRASKA.

Omaha, Neb., June 25.—Wheat looking fine; had a few spots but crop about 1/2; corn late.—Omaha Equity Exchange.

Cereso, Neb., July 2.—Too much rain for ripening wheat; corn 10 days behind time; doing good now.—Al. Lindstrom, agt. Nye, Schneider, Fowler Co.

Brule, Neb., July 1.—Grain conditions best in years; large acreage of winter wheat and oats; corn very small.—O. P. Kilgore, agt. Trans-Miss. Grain Co.

Farmington, Neb., July 3.—Good prospect for the largest oat crop had for years; harvest about July 20th; corn a little late on account of damp and cool weather.—I. G. Corey, mgr. McCaull-Webster, Elvtr. Co.

### OKLAHOMA.

Bidings, Okla., July 6.—Wheat badly down and damaged.—L. L. Thorpe. Harmon, Okla., July 2.—Grain good; damaged some by rain and overflows.—J. D. Hall.

Burlark, Okla., July 3.—About 25% of wheat ruined on account of rain; no wheat cut to date.—W. T. Conklin Grain Co. Tishomingo, Okla., July 5.—Rains in this county absolutely rotted all small grain and it is still falling.—J. B. Hutchens.

Long Creek, Okla., July 6.—Farmers claim 50% loss in wheat crop on account of wet weather.—The Hard Creek Grain, Fuel & L. Co.

Holleville, Okla., June 3.—Wheat and oat acreage increased; wheat and oats both fairly good; grain up cut is badly damaged by too much rain.—Flewelle & Gilbert Grain Co.

### TEXAS.

Farmersville, Tex., July 4.—Grain crop good but being damaged by rain.—Collier & Rike Grain Co.

Parlap, Tex., July 5.—Wheat is not turning out quite as well as was expected two weeks ago; threshing has started.—D. W. Osborn.

### MISSOURI.

Clinton, Mo., July 6.—Too much wet weather which is delaying cutting of wheat and oats.—Geo. R. Lingle & Sons.



## Patents Granted

**Malt Turner.** No. 1,143,918 (see cut). Max Schuster, Vienna, Austria. On the floor run wheels supporting a frame on which is pivotally connected a swiveled carriage containing the malt turner. Automatically the frame is moved sideways by raising of the wheels from contact with the floor.

**Car Seal.** No. 1,143,441 (see cut). Jay W. Ross, Forsyth, Ga. The seal comprises a chamber and a shackle having one end attached thereto, locking means within the chambers comprising a V-shaped plate, two tongues carried by one leg of the plate, both tongues on the inside of the leg, one longer than the other, guides directing the bent end of the shackle so that it will be engaged by the tongues.

**Attrition Mill Plate.** No. 1,144,089 (see cut). Edward P. Alsted, Truesdell, Wis. The medial face portions of the radial ribs are of less width than their opposite end portions to advance the line of material engagement toward the medial face portions, the transverse ribs extending in approximately straight short broken lines which have a shearing engagement with like ribs of opposite plates.

**Alfalfa Mill.** No. 1,143,106 (see cut). Adrian D. Davies and Louis H. Bemen, Pueblo, Colo., assignors of one-third to Wm. H. Tyler, Pueblo, and two-thirds to Davies. The grinding cylinder comprises a shell, cutting teeth projecting inwardly from the surface of the shell, a closed drum within the shell, cutting teeth projecting

outwardly from the drum, fan teeth upon the drum, and means for feeding the material to be ground longitudinally of the cylinder.

**Grain Door.** No. 1,143,846 (see cut). Samuel Manuel, Saltcoats, Assa., Canada. A plurality of metal plates is disposed between the slideways mounted on opposite sides of the door opening, the lower edge portions of each of the plates being bent inwardly at right angles and the upper edge portion being bent outwardly at right angles whereby convenient finger holds are provided to facilitate manipulation of the plate. The plates are adapted to be moved to the tops of the slideways and be nested into a pile.

### Crop Improvement.

AN INTERNATIONAL WHEAT SHOW is to be held at Wichita, Kan., Oct. 4 to 14 under the auspices of the Wichita Fair and Exposition.

CROP IMPROVEMENT was discussed at the farmers' picnic held at Bloomington, Ill., July 9, by Bert Ball, Chairman Crop Improvement Com'te. All of the state leaders and many of the bankers interested in the movement were present.

A MAMMOTH CORN SHOW is to be held in St. Paul next December by the First Nat'l Bank of that city. Bankers of Minnesota, the Dakotas, Montana, Washington, Oregon and Idaho are co-operating to make the show a huge success, and many prizes have already been listed.

COUNTRY BANKERS and farmers held a "back to the land" convention at Chicago the first week of July, 300 members of the American Bankers' Ass'n being in attendance. The necessity of agricultural development and conservation and the realization of this necessity by the banker was pointed out by J. R. Wheeler, Columbus, Wis.

THE STATES Relations Service Bureau of the Dep't of Agriculture sprang into existence on July 1 to take over the work connected with farmers' co-operative demonstrations, agricultural schools, farmers' institutes, etc. The new bureau, which is under the direction of A. C. True, is the outgrowth of the enactment of the Smith-Lever agricultural bill.

## Books Received

**GROWING HARD SPRING WHEAT** is the subject of the June 10th bulletin of the United States Dep't of Agriculture, by C. R. Ball and J. A. Clark. Some of the important matters treated by the authors are size and location of the spring wheat area, surface and soil necessary, climate, rotations for spring wheat, reasons for and examples of rotation, summer fallowing of land, seeding, treatment for smut, cultivation and harvesting. Bull. 678, United States Dep't of Agriculture, Washington, D. C.

**THE SHARP HEADED GRAIN LEAF-HOPPER** is described in the June 29 number of the United States Dep't of Agriculture Bulletin. E. H. Gibson, the author says the insect has long been known to infest grain and grass crops and ranges thruout the entire United States. It has received much less notice from the economic standpoint than it merits, and Mr. Gibson's paper describes distribution, food plants, description, life history and habits, migration and remedial measures. Bull. 254, United States Dep't of Agriculture, Washington, D. C.

I CONSIDER the Grain Dealers Journal a necessity to every grain dealer.—J. C. Chase, sec'y Farmers Union Co-operative Ass'n, Beattie, Kan.

### Insurance Notes.

EIGHT STATES and the Territory of Alaska have passed workmen's compensation laws during the legislative sessions just closed. These states are Wyoming, Montana, Oklahoma, Maine, Colorado, Indiana, Vermont, and Pennsylvania.

THE PENALTY part of the rate for death resulting from accidents has been abolished, effective July 1, by the Ohio Industrial Com'n. The penalty clause was objected to in a series of resolutions drafted by Frank H. Tanner, sec'y, Ohio Millers State Ass'n.

THE UNIFORM MUTUAL insurance bill, permitting mutual companies to write the same lines of insurance as stock companies on the same basis of solvency, has been passed by the Illinois legislature and signed by Gov. Dunne. The bill became a law on July 1.

THE NEW WORKMEN'S COMPENSATION ACT is the subject of a bulletin issued by the Indiana Grain Dealers' Ass'n. The booklet is a reprint of a recent address by H. W. Bullock and explains the new insurance laws which will affect elevator men thruout the state.

REVISED FIRE INSURANCE rates for Minnesota were effective July 1. The annual rate on fireproof buildings is cut 15%. The rates were agreed upon by companies and the state insurance dept after the new law was placed on the books giving the state supervision of rates.

MINNESOTA'S WORKMEN'S compensation act was said to be inoperative by New York attorneys, because the minimum allowance is not mentioned in all sections of the act. Attorney Gen'l L. A. Smith however, believes it is not necessary to make mention of the minimum allowance in every section and says the law is valid.

THE SCANLON BILL, passed by the Illinois legislature, referring to the organization of mutual insurance companies, has been signed by Gov. Dunne, and consequently will be placed on the Illinois statute books. The Governor also signed Dailey's Senate Bill No. 66, amending the workmen's compensation act to make more liberal provision for beneficiaries.

### Handling Salvage Grain.

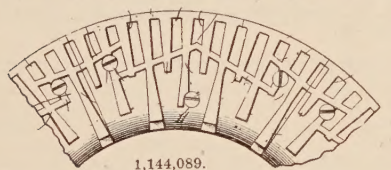
BY C. E. FOX.

The grain dealer who has grain damaged by fire or water should not fail to send at once for a salvage grain expert. Many valuable lots of grain have been spoiled while the insurance was being adjusted. The insured and adjustor should agree to have the damaged grain handled immediately, "For whom it may concern." The ownership of the salvage will be determined when the insurance is settled but in the meantime the salvage grain man ought to be busy saving the grain so as to get the greatest value out of it.

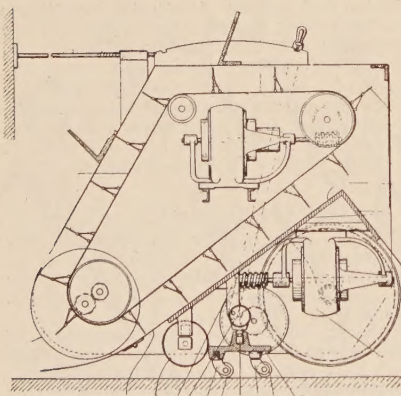
Do not make the usual mistake of thinking because you are a good grain man that you know how to handle a pile of salvage grain properly. You are sure to make a bad mess of it unless you have had lots of experience and have a plant especially equipped for drying, cleaning, mixing and storing salvage grain.

A good salvage man knows what it costs to load and prepare the grain for market, what it can be used for and who will probably buy it. If you do not know all of these things you are liable to spend more money than the grain will sell for. As wet salvage grain spoils very quickly, do not delay, but use the wires.

THE GRAIN DEALERS JOURNAL is alright and I like it.—R. S. Joslin, agt. T. H. Cochrane Co., Mauston, Wis.



1,144,089.

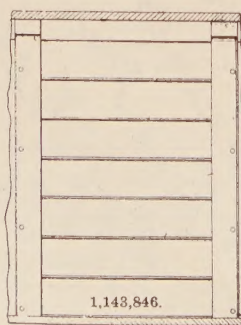
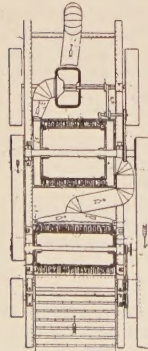


1,143,918.

1,143,106.



1,143,441.



1,143,846.



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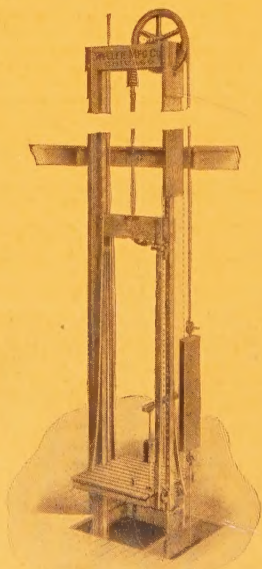
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